



## PRESSURE TRANSMITTERS

### INSTRUMENTS MANOSTAT

Differential manostat. Measuring range from -100 / + 100 Pa to -2000 / +2000 mBar. 1 3 A / 230 Vac RCR relay output. Relay configuration via push-button. 24 Vdc/ Vac power supply. 10-digit display. ABS V0 IP65 housing with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE	RANGE	VP Cena (eur)
PST-11	- 100 to + 100 Pa <b>(with solenoid valve)</b>	188
PST-12	- 1000 to + 1000 Pa	152
PST-13	- 10000 à + 10 000 Pa	145
PST-14	- 500 to + 500 mBar	152
PST-15	- 2000 to + 2000 mBar	152

### CLASS 110 PRESSURE TRANSMITTERS

Differential pressure transmitter. Configurable range from -100 / +100 Pa up to -2000 / +2000 mBar. 0-10 V or 4-20 mA output with 24 Vdc/Vac power supply (active 3-4 wire) or 4-20 mA output with 16 to 30 Vdc power supply (passive 2-wire). With or without 10-digit display. ABS V0 housing, IP65, with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	MEASURING RANGE	OUTPUT	DISPLAY	VP Cena (eur)
CP111-AO	-100 to +100 Pa <b>(with solenoid valve)</b>	ACTIVE 0-10 V or	YES	268
CP111-AN		4-20 mA	NO	216
CP112-AO	-1000 to +1000 Pa	ACTIVE 0-10 V or	YES	208
CP112-AN		4-20 mA	NO	170
CP112-PO		PASSIVE 4-20 mA	YES	192
CP112-PN			NO	162
CP113-AO	-10 000 to +10 000 Pa	ACTIVE 0-10 V or	YES	208
CP113-AN		4-20 mA	NO	170
CP113-PO		PASSIVE 4-20 mA	YES	192
CP113-PN			NO	162
CP114-AO	-500 to +500 mBar	ACTIVE 0-10 V or	YES	208
CP114-AN		4-20 mA	NO	170
CP114-PO		PASSIVE 4-20 mA	YES	192
CP114-PN			NO	162
CP115-AO	-2000 to +2000 mBar	ACTIVE 0-10 V or	YES	208
CP115-AN		4-20 mA	NO	170
CP115-PO		PASSIVE 4-20 mA	YES	192
CP115-PN			NO	162

### CLASS 110 ATMOSPHERIC PRESSURE TRANSMITTERS

Atmospheric pressure transmitter. Configurable range from 800 to 1100 hPa. 0-10 V or 4-20 mA output with 24 Vdc/Vac power supply (active 3-4 wire) or 4-20 mA output with 16 to 30 Vdc power supply (passive 2-wire). With or without 10-digit display. ABS V0 housing, IP65, with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	OUTPUT / POWER SUPPLY	DISPLAY	VP Cena (eur)
CP116-PO	PASSIVE 4-20 mA	YES	236
CP116-PN		NO	162
CP116-AO	ACTIVE 0-10 V or 4-20 mA	YES	244
CP116-AN		NO	170

### CLASS 210 PRESSURE TRANSMITTERS

Differential pressure transmitter. Configurable range from -100 / +100 Pa up to -2000 / 2000 mBar. Permanent and automatic autozero by solenoid valve (on 100 / 500 / 1000 Pa models). 2 analogue outputs, 4-wire technology, 0-1/5/10 V or 0/4-20 mA. Configuration via keypad (on models with a display) or via software (on all models). 24 Vdc/Vac or 115 / 230 Vac power supply with galvanic isolation. With or without 19-digit 2-line display, with backlight and trend indicator. ABS V0 housing, IP65. Supplied with adjustment certificate. Coming in option: SQR 3\* air velocity and airflow calculation function, PT100 probe (!\ CAUTION ! no temperature compensation), LCC-S configuration software, calibration certificate.

\* SQR 3 available as OPTION on CP211 - CP212 and CP213

TYPE / REF	MEASURING RANGE	POWER SUPPLY	DISPLAY	VP Cena (eur)
CP211-BN	-100 to +100 Pa (with solenoid valve)	24 Vdc/Vac	NO	345
CP211-BO			YES	418
CP211-HN		115/230 Vac	NO	356
CP211-HO			YES	422
CP212-BN	-1000 to +1000 Pa (with solenoid valve)	24 Vdc/Vac	NO	320
CP212-BO			YES	382
CP212-HN		115/230 Vac	NO	334
CP212-HO			YES	396
CP213-BN	-10 000 to +10 000 Pa	24 Vdc/Vac	NO	296
CP213-BO			YES	341
CP213-HN		115/230 Vac	NO	306
CP213-HO			YES	352
CP214-BN	-500 to +500 mBar	24 Vdc/Vac	NO	310
CP214-BO			YES	372
CP214-HN		115/230 Vac	NO	324
CP214-HO			YES	386
CP215-BN	-2000 to +2000 mBar	24 Vdc/Vac	NO	310
CP215-BO			YES	372
CP215-HN		115/230 Vac	NO	324
CP215-HO			YES	386

### AIR VELOCITY AND AIRFLOW MEASUREMENT FOR CLASS 210 TRANSMITTERS

TYPE / REF	DESCRIPTION	VP Cena (eur)
SQR/3	Square root for the direct calculation of air velocity and airflow, from the pressure measurement. For CP210 transmitters.	86

### DEBIMO BLADES

To be installed on site in air movement conditions, the DEBIMO blades can measure air velocity and airflow. Maximum working temperature 210°C. s

TYPE / REF	DESCRIPTION	VP Cena (eur)
Debimo 100	DEBIMO blade length <b>100mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	44
Debimo 125	DEBIMO blade length <b>125mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	45
Debimo 160	DEBIMO blade length <b>160mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	48
Debimo 200	DEBIMO blade length <b>200mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	55
Debimo 250	DEBIMO blade length <b>250mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	65
Debimo 300	DEBIMO blade length <b>300mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	70
Debimo 315	DEBIMO blade length <b>315mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	75
Debimo 400	DEBIMO blade length <b>400mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	90
Debimo 500	DEBIMO blade length <b>500mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	93
Debimo 600	DEBIMO blade length <b>600mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	99
Debimo 630	DEBIMO blade length <b>630mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	103
Debimo 800	DEBIMO blade length <b>800mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	151
Debimo 1000	DEBIMO blade length <b>1000mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	175
Debimo 1500	DEBIMO blade length <b>1500mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	221
Debimo 2000	DEBIMO blade length <b>2000mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	279

<b>Debimo 2500</b>	DEBIMO blade length <b>2500mm</b> . Supplied with 2m of clear tube and 2 JTC junctions.	325
<b>Debimo 3000</b>	DEBIMO blade length <b>3000mm</b> . Supplied with 2m of clear tube and 2 JTC junctions. Maximum length.	371

For intermediate lengths, please consider the upper length price and use reference 11610

#### CONNECTION TUBES

<b>C-58-1</b>	Clear tube Ø 5x8 lg 1m (60°C max)	2
<b>C-58-25</b>	Clear tube Ø 5x8 25m- roll. (60°C max)	34
<b>C-58-50</b>	Clear tube Ø 5x8 50m- roll. (60°C max)	61
<b>SB-47-1</b>	White silicone tube Ø 4x7 lg 1m (200°C max)	4
<b>SN-47-1</b>	Black silicone tube Ø 4x7 lg 1m (200°C max)	4
<b>SB-47-25</b>	White silicone tube Ø 4x7 25m-roll (200°C max)	74
<b>SN-47-25</b>	Black silicone tube Ø 4x7 25m-roll (200°C max)	74

#### PRESSURE CONNECTIONS

<b>KR 447</b>	Connection set including 2 connections n° DP 447 and 2m of clear tube	10
<b>KR 483</b>	Connection set including 2 quick-connections n°483 and 2m of clear tube	14
<b>DP 447</b>	DP.447 connection for double-shell wall, max. thickness 30 mm.	7
<b>DP 339</b>	DP.447 connection for double-shell wall, max. thickness 80 mm.	8
<b>483</b>	483 quick-connection for wall without rear access.	8
<b>482</b>	Simple 482 connection with rear nut.	6
<b>1998</b>	Additional connection for PC 482, for wall-crossing.	7
<b>PC 482</b>	PC482 cross-connection for wall-crossing, thickness:	
	PC 482 Lg 35 or PC 482 Lg 50 or PC 482 Lg 70	9
	PC 482 Lg 90 or PC 482 Lg 110 or PC 482 Lg 130	10
	PC 482 Lg 150 or PC 482 Lg 170 or PC 482 Lg 190	11

#### JUNCTIONS AND CONNECTIONS

<b>JDC</b>	JDC 10-unit bag of straight connections, for diam. 5x8 mm clear tube.	10
<b>JYC</b>	Y junctions 10-unit bag, for Ø 5x8 clear tube.	13

## HYGROMETRY TRANSMITTERS

#### HYGROSTAT

Hygrostat: ambient, duct or 2m cable remote. Measuring ranges from 5 to 95 %RH and 0 to 50 °C (on ambient model), -20 to 80 °C (on duct and remote models). Output on 3A/230 Vac RCR relay. Relay configuration with push-button. 24 Vdc/ Vac power supply. 10-digit display. ABS V0 IP65 housing (IP20 on ambient model) with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	MOUNTING	VP Cena (eur)
<b>HST-S</b>	AMBIENT	145
<b>HST-A</b>	DUCT	152
<b>HST-D</b>	REMOTE	152

#### CLASS 110 HYGROMETRY TRANSMITTER

Relative humidity transmitter. Capacitive humidity measuring element, except on ambient model (numerical element). Ambient, duct or 2m cable remote model. Measuring ranges from 5 to 95 %RH. humidity: 1 0-10V output with 24 Vdc/Vac power supply (active 3-4 wire) or 1 4-20 mA output with 16 to 30 Vdc power supply (passive 2-wire). With or without 10-digit display. ABS V0 IP65 housing (IP20 on ambient model) with easy-mounting system. Coming in option: LCC-S configuration software

TYPE / REF	OUTPUT / POWER SUPPLY	DISPLAY	MOUNTING	VP Cena (eur)
<b>HM110-POS</b>	4-20 mA / PASSIVE	YES	AMBIENT	145
<b>HM110-POA</b>			DUCT	168
<b>HM110-POD</b>			REMOTE	168
<b>HM110-PNS</b>		NO	AMBIENT	125
<b>HM110-PNA</b>			DUCT	148
<b>HM110-PND</b>			REMOTE	148

HM110-AOS	0-10 V / ACTIVE	YES	AMBIENT	145
HM110-AOA			DUCT	168
HM110-AOD			REMOTE	168
HM110-ANS		NO	AMBIENT	125
HM110-ANA			DUCT	148
HM110-AND			REMOTE	148

#### CLASS 110 HYGROMETRY AND TEMPERATURE TRANSMITTERS

Relative humidity and temperature transmitter. Capacitive humidity measuring element, except on ambient model (numerical element), and NTC temperature measuring element, except on ambient model (numerical element). Ambient, duct or 2m cable remote model. Measuring ranges from 5 to 95 %Rh and 0 to 50 °C (configurable range on ambient model) or 20 to 80 °C (configurable range, on duct or remote models). Humidity: 1 0-10V output with 24 Vdc/Vac power supply (active 3-4 wire) or 1 4-20 mA output with 16 to 30 Vdc power supply (passive 2-wire). Temperature: 1 0-10V output with 24 Vdc/Vac power supply (active 3-4 wire) or 1 4-20 mA output with 16 to 30 Vdc power supply (passive 2-wire). With or without 10-digit display. ABS V0 IP65 housing (IP20 on ambient model) with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	OUTPUT / POWER SUPPLY	DISPLAY	MOUNTING	VP Cena (eur)
TH110-POS	4-20 mA / PASSIVE	YES	AMBIENT	206
TH110-POES			STANDARD AIRTIGHT	224
TH110-POA			DUCT	224
TH110-POD			REMOTE	224
TH110-PNS		NO	AMBIENT	178
TH110-PNES			STANDARD AIRTIGHT	196
TH110-PNA			DUCT	196
TH110-PND			REMOTE	196
TH110-AOS	0-10 V / ACTIVE	YES	AMBIENT	206
TH110-AOES			STANDARD AIRTIGHT	224
TH110-AOA			DUCT	224
TH110-AOD			REMOTE	224
TH110-ANS		NO	AMBIENT	178
TH110-ANES			STANDARD AIRTIGHT	196
TH110-ANA			DUCT	196
TH110-AND			REMOTE	196

#### CLASS 110 TEMPERATURE TRANSMITTERS - WITH PT100 OUTPUT

Relative humidity and temperature transmitter. Capacitive measuring element, except on ambient model (numerical element) and PT100 temperature measuring element. Ambient, duct or 2m cable remote model. Measuring ranges from 5 to 95 %RH and 0 to 50 °C (configurable range on ambient model) or -20 to 80 °C (configurable range on duct or remote models). Humidity: 1 0-10V output with 24 Vdc/Vac power supply (active 3-4 wire) or 1 4-20 mA output with 16 to 30 Vdc power supply (passive 2-wire). Temperature: 1 Pt100 class B output (2 or 3 wires) or NTC. Without display. ABS V0 IP65 housing (IP20 on ambient model) with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	POWER SUPPLY	DISPLAY	MOUNTING	OUTPUT	VP Cena (eur)
TH110-PNSP	4-20 mA / PASSIVE	NO	AMBIENT	PT 100	178
TH110-PNDP			REMOTE	PT 100	196
TH110-PNAP			DUCT	PT 100	196
TH110-ANSP	0-10 V / ACTIVE	0-10 V / ACTIVE	AMBIENT	PT 100	178
TH110-ANDP			REMOTE	PT 100	196
TH110-ANAP			DUCT	PT 100	196

#### CLASS 210 HYGROMETRY AND TEMPERATURE TRANSMITTERS

Hygrometry and temperature transmitter. Probe made of polycarbonate or stainless steel probe, with stainless steel filter. Ambient model with probe length 100mm (polycarbonate) or remote model with probe length 150 or 300 mm (polycarbonate or stainless steel) with 2m cable. Measuring range from 5 to 95 %RH, 0 to 50 °C (on polycarbonate ambient model), -20 to 120 °C (on polycarbonate remote model) and -40 to 180°C (on stainless steel model). Configurable functions: relative humidity, absolute humidity, dew point, dry temperature, wet temperature and enthalpy. 2 analogue outputs, 4-wire technology, 0-1/5/10 V or 0/4-20 mA. Configuration via keypad (on models with display), or via software (on all models). 24 Vdc/Vac or 115 / 230 Vac power supply, with galvanic isolation. With or without 19-digit 2-line display, with backlight and trend indicator. ABS V0 IP65 housing. Supplied with adjustment certificate. Coming in options: protection tips, filters, LCC-S configuration software, and calibration certificate.

TYPE / REF	POWER SUPPLY	DISPLAY	PROBE	MOUNTING	LENGTH	VP Cena (eur)
TH210-BNSP	24 Vdc/Vac	NO	PC	AMBIENT	100 mm	305
TH210-BNDP/150				REMOTE	150 mm	316
TH210-BNDP/300					300 mm	324
TH210-BNDI/150			ST. STEEL	REMOTE	150 mm	349
TH210-BNDI/300					300 mm	368
TH210-BOSP				PC	AMBIENT	100 mm
TH210-BODP/150		REMOTE	150 mm		356	
TH210-BODP/300			300 mm		374	
TH210-BODI/150		ST. STEEL	REMOTE		150 mm	399

TH210-BODI/300			ST. STEEL	REMOTE	300 mm	408
TH210-HNSP	115/230 Vac	NO	PC	AMBIENT	100 mm	307
TH210-HNDP/150				REMOTE	150 mm	318
TH210-HNDP/300			300 mm		326	
TH210-HNDI/150			ST. STEEL	REMOTE	150 mm	351
TH210-HNDI/300				300 mm	370	
TH210-HOSP			YES	PC	AMBIENT	100 mm
TH210-HODP/150		REMOTE			150 mm	358
TH210-HODP/300				300 mm	376	
TH210-HODI/150		ST. STEEL		REMOTE	150 mm	401
TH210-HODI/300					300 mm	410

		VP Cena (eur)
RC110-5	5-m additional cable for remote probe. For Class 110 & 210 transmitters.	12
RC110-10	10-m additional cable for remote probe. For Class 110 & 210 transmitters.	21

#### PROTECTION TIPS FOR HYGROMETRY PROBES

TYPE / REF	DESCRIPTION	VP Cena (eur)
EPP2	PC protection tip with 25µ stainless steel filter for humidity probe Ø13 mm from Class 50/100/200/300 transmitters.	19
EPI25	Stainless steel protection tip with 25µ stainless steel filter for humidity probe Ø13 mm from Class 200/300.	31
EPI100	Stainless steel protection tip with 100µ stainless steel filter for humidity probe Ø13 mm from Class 200/300.	31
EPFI	Stainless steel 10µ sintered protection tip for humidity probe Ø13 mm from Class 200/300.	19
EPFT	PTFE 50µ sintered protection tip for humidity probe Ø13 mm from Class 200/300.	58
EPH202	Protection tip in PTFE and catalytic material type EPH202. Dedicated to the applications lab. Pharmaceutical or autoclave using of the H2O2 (Péroxide of hydrogen) to disinfect from 3 to 30 %. For probe of humidity diameter 13 mm, class 200 and 300.	155
CPH	10-unit bag of airtight protection caps for STH humidity probe Ø13 mm.	19

#### SALTED SOLUTIONS

TYPE / REF	DESCRIPTION	VP Cena (eur)
KSH-11	Saturated salt solution at <b>11%</b> RH. Dedicated to check-up of diam.13 mm humidity probes	124
KSH-44	Saturated salt solution at <b>44%</b> RH. Dedicated to check-up of diam.13 mm humidity probes	124
KSH-85	Saturated salt solution at <b>85%</b> RH. Dedicated to check-up of diam.13 mm humidity probes	124
CEE	Airtight chamber for calibration by comparison of humidity probes diameter 13mm.	106

#### SLIDING CONNECTION AND MOUNTING CLAMPS

TYPE / REF	DESCRIPTION	VP Cena (eur)
KI-RCT-13/12	KI-RCCT-13/12: Stainless steel cylindrical 1/2 gas sliding connection, with Teflon ferrule, for probe diam. 13mm	48
KI-DIN/RCCT-13/12	KI-DIN/RCCT-13/12 stainless steel threaded clamp as per DIN 2566. With cylindrical 1/2 gas sliding connector, Teflon ferrule. For probe diam. 13mm.	99
BFP-13	Plastic mounting clamp with connection gland for probe Ø13 mm.	15
BF-13	BF-13 stainless steel mounting clamp for hotwire probe diam.13mm	18
SFM-13	Wall fixing support made of translucent polycarbonate for probe Ø13 mm	10

#### WEATHER PROTECTIVE SHIELD

TYPE / REF	DESIGNATION	VP Cena (eur)
PEM12-13	Weather protective shield for humidity probe Ø13 mm. 12 rings shield is suitable for protection of sensors used in meteorology against sun radiation, rain and wind.	247

## TEMPERATURE TRANSMITTERS

### THERMOSTATS

Thermostat: ambient, terminal block or duct models. Measuring range from 0 to 50°C (configurable range on ambient model), -20 to 80°C (configurable range on duct model) and -100 to 400°C (configurable range on terminal block model). Stainless steel duct and terminal block models available with on-request PT100 probes, 2 or 3 wires, or NTC. 1 3 A / 230 Vac relay output. Relay configuration with push-button. 24 Vdc/ Vac power supply. 10-digit display. ABS V0 IP65 housing (IP20 on ambient model), with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	MOUNTING	VP Cena (eur)
TST-S	AMBIENT	114
TST-B	TERMINAL BLOCK	129
TST-A	ABS DUCT	118
TST-AI	STAINLESS STEEL DUCT	123

### CLASS 50 TEMPERATURE TRANSMITTERS

TM50 temperature transmitters. ABS ambient or IP65 housing. PT100 3-wire output. TM50-B: PT100 3-wire input.

TYPE / REF	TYPE OF ELEMENT	MOUNTING	VP Cena (eur)
TM50-S	PT100	Ambient	31
TM50-E	PT100	Airtight	42
TM50-C	PT100	Contact	38
TM50-AI-6-150	PT100	Stainless steel Duct	37
TM50-B	No element	Terminal block	20

### CLASS 55 TEMPERATURE TRANSMITTERS

TM55 temperature transmitter. **Resistive element**

TYPE / REF	TYPE D'ELEMENT	MOUNTING	VP Cena (eur)
TM55-S	Resistive to be defined	Ambient	34
TM55-E	Resistive to be defined	Airtight	45
TM55-C	Resistive to be defined	Contact	41
TM55-AI-6-150	Resistive to be defined	Stainless steel Duct	40

### CLASS 110 TEMPERATURE TRANSMITTERS

Temperature transmitter. Measuring range from 0 to 50°C (configurable range on ambient model), -20 to 80°C (configurable range on duct and remote models) and -100 to 400°C (configurable range on remote and terminal block models). Stainless steel duct and terminal block models available with on-request P100 probes, 2 or 3 wires, or NTC. 0-10 V or 4-20 mA output with 24 Vdc/Vac power supply (active 3-4 wire) or 4-20 mA output with 16 to 30 Vdc power supply (passive 2-wire). With or without 10-digit display. ABS V0 IP65 HOUSING (IP20 on ambient model) with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	POWER SUPPLY / OUTPUT	DISPLAY	MOUNTING	VP Cena (eur)
TM110-POS	4-20 mA / PASSIVE	YES	AMBIENT - NTC	118
TM110-POB			TERMINAL BLOCK - PT100	128
TM110-POA			ABS DUCT - NTC	137
TM110-POAI			STAINLESS STEEL DUCT - PT100	143
TM110-POE			AIRTIGHT - PT100	165
TM110-PNS			NO	AMBIENT - NTC
TM110-PNB	TERMINAL BLOCK - PT100	108		
TM110-PNA	ABS DUCT - NTC	117		
TM110-PNAI	STAINLESS STEEL DUCT - PT100	123		
TM110-PNE	AIRTIGHT - PT100	140		
TM110-AOS	0-10 V / ACTIVE	YES		AMBIENT - NTC
TM110-AOB			TERMINAL BLOCK - PT100	128
TM110-AOA			ABS DUCT - NTC	137
TM110-AOAI			STAINLESS STEEL DUCT - PT100	143
TM110-AOE			AIRTIGHT - PT100	165
TM110-ANS			NO	AMBIENT - NTC
TM110-ANB		TERMINAL BLOCK - PT100		108
TM110-ANA		ABS DUCT - NTC		117
TM110-ANAI		STAINLESS STEEL DUCT - PT100		123
TM110-ANE		AIRTIGHT - PT100		140

**CLASS 210 TEMPERATURE TRANSMITTERS**

Temperature transmitter. teur de température. Ambient model with probe length 100mm (polycarbonate) or on terminal block for PT100 remote probe (in option). Second input on terminal block for remote probe. Measuring ranges from 0 to 50 °C (on polycarbonate ambient probe), -100 to 400 °C (on terminal block model). Configurable functions: temperature 1, temperature 2, difference of temperature. 2 analogue outputs, 4-wire technology 0-1/5/10 V or 0/4-20 mA. Configuration via keypad (on models with display) or via software (on all models). 24 Vdc/Vac or 115 / 230 Vac power supply with galvanic isolation. With or without 19-digit 2-line display, with backlight and trend indicator. ABS V0 IP65 housing. Supplied with adjustment certificate. Coming in options: remote PT100 temperature probes, LCC-S configuration software, calibration certificate.

TYPE / REF	POWER SUPPLY	DISPLAY	MOUNTING	VP Cena (eur)
TM210-BOB	24 Vac/Vdc	YES	2-INPUT TERMINAL BLOCK	246
TM210-BOS			1 AMBIENT OUTPUT AND 1 TERMINAL BLOCK INPUT	252
TM210-BNB		NO	2-INPUT TERMINAL BLOCK	206
TM210-BNS			1 AMBIENT OUTPUT AND 1 TERMINAL BLOCK INPUT	212
TM210-HOB	110/230 Vac	YES	2-INPUT TERMINAL BLOCK	254
TM210-HOS			1 AMBIENT OUTPUT AND 1 TERMINAL BLOCK INPUT	258
TM210-HNB		NO	2-INPUT TERMINAL BLOCK	208
TM210-HNS			1 AMBIENT OUTPUT AND 1 TERMINAL BLOCK INPUT	214

**HOTWIRE AIR VELOCITY TRANSMITTERS****CLASS 110 AIR VELOCITY AND TEMPERATURE TRANSMITTERS**

Air velocity and temperature transmitter, hotwire probe made of polycarbonate, length 150 or 300 mm, duct or 2m cable remote. Measuring ranges from 0 to 30 m/s and 0 to 50 °C (minimum configurable range 0-3 m/s). Air velocity: 1 0-10V output or 4-20 mA with 24 Vdc/Vac power supply (active 3-4 wire). Temperature: 1 0-10V output or 4-20 mA with 24 Vdc/Vac power supply (active 3-4 wire). With or without 10-digit display. ABS V0 IP65 housing with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	POWER SUPPLY	DISPLAY	MOUNTING	LENGTH	VP Cena (eur)
CTV110-ANA150	4-20 mA / ACTIVE	NO	DUCT	150 mm	208
CTV110-ANA300				300 mm	208
CTV110-AND150			REMOTE	150 mm	215
CTV110-AND300				300 mm	215
CTV110-AOA150		YES	DUCT	150 mm	237
CTV110-AOA300				300 mm	237
CTV110-AOD150			REMOTE	150 mm	243
CTV110-AOD300				300 mm	243
CTV110-VNA150	0-10 V / ACTIVE	NO (N)	DUCT	150 mm	208
CTV110-VNA300				300 mm	208
CTV110-VND150			REMOTE	150 mm	215
CTV110-VND300				300 mm	215
CTV110-VOA150		YES	DUCT	150 mm	237
CTV110-VOA300				300 mm	237
CTV110-VOD150			REMOTE	150 mm	243
CTV110-VOD300				300 mm	243

**ACCESSORIES FOR CTV110**

TYPE / REF	DESCRIPTION	VP Cena (eur)
KI-RCT-13/12	KI-RCCT-13/12: Stainless steel cylindrical 1/2 gas sliding connection, with Teflon ferrule, for probe diam. 13mm	48
BFP-13	Plastic mounting clamp with connection gland for probe Ø13 mm.	15
BF-13	BF-13 stainless steel mounting clamp for hotwire probe diam.13mm	18
KI-DIN/RCCT-13/12	KI-DIN/RCCT-13/12 stainless steel threaded clamp as per DIN 2566. With cylindrical 1/2 gas sliding connector, Teflon ferrule. For probe diam. 13mm.	99

**CLASS 210 AIR VELOCITY AND TEMPERATURE TRANSMITTERS**

Air velocity and temperature transmitter, standard or omni-directional hotwire probe, made of stainless steel, length 300 mm with 2m cable. Measuring ranges from 0 to 30 m/s (on standard model), 0 to 5 m/s (on omni-directional model) and 0 to 50 °C. 2 analogue outputs, 4-wire technology 0-1/5/10 V or 0/4-20 mA. Configuration via keypad (on model with display) or via software (on all models). 24 Vdc/Vac or 115 / 230 Vac power supply with galvanic isolation. With or without 19-digit 2-line display, with backlight and trend indicator. ABS V0 IP65 housing. Supplied with adjustment certificate. Coming in options: SQR 3\* air velocity and airflow calculation function, LCC-S configuration software, calibration certificate.

TYPE / REF	POWER SUPPLY	DISPLAY	MOUNTING	VP Cena (eur)
CTV210-BNS	24 Vdc/Vac	NO	STANDARD	296
CTV210-BNO			OMNI DIRECTIONAL	634
CTV210-BOS		YES	STANDARD	306
CTV210-BOO			OMNI DIRECTIONAL	664
CTV210-HNS	110/230 Vac	NO	STANDARD	306
CTV210-HNO			OMNI DIRECTIONAL	634
CTV210-HOS		YES	STANDARD	336
CTV210-HOO			OMNI DIRECTIONAL	694

**ACCESSORIES FOR CTV210**

BF-8	BF-8 stainless steel mounting bracket. Diameter 8 mm. For temperature probes and Pitot tubes diameter 8mm.	13
RCT-8-12	Sliding connector type RCT-8-12, 1/2 gas cylindrical, with Teflon joint for temperature probe or Pitot tube diam. 8mm.	22
KI-DIN/RCTFC-8/12	KI-DIN/RCTFC-8/12: Stainless steel cylindrical 1/2 gas sliding connection, with Teflon ferrule, for probe diam. 8mm	87

**CO TRANSMITTERS****CO transmitter**

Ambient or duct CO stat. Measuring range from 0 to 500 ppm. 1 3 A / 230 Vac RCR relay output. 10-digit display. Relay configuration via push-button. 24 Vdc/ Vac power supply. 10-digit display. ABS V0 IP65 housing (IP20 on ambient model), with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	MOUNTING	VP Cena (eur)
COST-S	AMBIENT	146
COST-A	DUCT	161

**CLASS 110 CO TRANSMITTERS**

CO transmitter. Electro-chemical measuring element. Ambient or duct model. Measuring ranges from 0 to 500 ppm 1 0-10V output with 24 Vdc/Vac power supply (active 3-4 wire) or 1 4-20 mA output with 16 to 30 Vdc power supply (passive 2-wire). With or without 10-digit display. ABS V0 IP65 housing (IP20 on ambient model) with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE	POWER SUPPLY / OUTPUT	DISPLAY	MOUNTING	VP Cena (eur)
CO110-POS	4-20 mA / PASSIVE	YES	AMBIENT	206
CO110-POA			DUCT	214
CO110-PNS		NO	AMBIENT	176
CO110-PNA			DUCT	184
CO110-AOS	0-10 V / ACTIVE	YES	AMBIENT	206
CO110-AOA			DUCT	214
CO110-ANS		NO	AMBIENT	176
CO110-ANA			DUCT	184

**CLASS 210 CO / TEMPERATURE TRANSMITTERS**

CO / temperature transmitter. Probe made of polycarbonate. Ambient or remote model with 110mm polycarbonate probe and 2m cable. Measuring ranges from 0 to 500 ppm, 0 to 50 °C. 2 analogue outputs, 4-wire technology 0-1/5/10 V or 0/4-20 mA. Configuration via keypad (on model with display) or via software (on all models). 24 Vdc/Vac or 115 / 230 Vac power supply, with galvanic isolation. With or without 19-digit 2-line display, with backlight and trend indicator. ABS V0 IP65 housing. Supplied with adjustment certificate. Coming in options: LCC-S configuration software, calibration certificate.

TYPE	POWER SUPPLY / OUTPUT	DISPLAY	HOUSING	VP Cena (eur)
COT210-BOS	24 Vdc/Vac	YES	AMBIENT	292
COT210-BOD			REMOTE	304
COT210-BNS		NO	AMBIENT	242
COT210-BND			REMOTE	254



<b>COT210-HOS</b>	110/230 Vac	YES	AMBIENT	296
<b>COT210-HOD</b>			REMOTE	314
<b>COT210-HNS</b>		NO	AMBIENT	246
<b>COT210-HND</b>			REMOTE	258

## CO2 TRANSMITTERS

### CO2 transmitters

Ambient or duct CO2 transmitter. Measuring range from 0 to 5000 ppm. 1 3 A / 230 Vac RCR relay output. Relay configuration via push-button. 24 Vdc/ Vac power supply. 10-digit display. ABS V0 IP65 housing (IP20 on ambient model), with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE	MOUNTING	VP Cena (eur)
<b>CO2ST-S</b>	AMBIENT	211
<b>CO2ST-A</b>	DUCT	233

### CLASS 110 CO2 TRANSMITTERS

CO2 transmitter. Infrared measuring element. Ambient or duct model. Measuring ranges from 0 to 5000 ppm, 1 0-10V or 4-20 mA output, with 24 Vdc/Vac power supply (active 3-4 wire). With or without 10-digit display. ABS V0 IP65 housing (IP20 on ambient model) with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE	DISPLAY	MOUNTING	VP Cena (eur)
<b>CO112-AOS</b>	YES	AMBIENT	242
<b>CO112-AOA</b>		DUCT	250
<b>CO112-ANS</b>	NO	AMBIENT	212
<b>CO112-ANA</b>		DUCT	220

### CLASS 210 CO2 / TEMPERATURE TRANSMITTERS

CO2 / temperature transmitter. Probe made of polycarbonate. Ambient or duct model with polycarbonate 110 mm probe and 2m cable. Measuring ranges from 0 to 5 000 ppm, 0 to 50 °C. 2 analogue outputs, 4-wire technology 0-1/5/10 V or 0/4-20 mA. Configuration via keypad (on model with display or via software on all models). 24 Vdc/Vac or 115 / 230 Vac power supply, with galvanic isolation. With or without 19-digit 2-line display, with backlight and trend indicator. ABS V0 IP65 housing. Supplied with adjustment certificate. Coming in option: LCC-S configuration software, calibration certificate.

TYPE	POWER SUPPLY / OUTPUT	DISPLAY	HOUSING	VP Cena (eur)
<b>COT212-BOS</b>	24 Vdc/Vac	YES	AMBIENT	334
<b>COT212-BOD</b>			REMOTE	352
<b>COT212-BNS</b>		NO	AMBIENT	284
<b>COT212-BND</b>			REMOTE	296
<b>COT212-HOS</b>	110/230 Vac	YES	AMBIENT	309
<b>COT212-HOD</b>			REMOTE	327
<b>COT212-HNS</b>		NO	AMBIENT	259
<b>COT212-HND</b>			REMOTE	271

## SOLAR TRANSMITTERS

### CLASS 110 SOLAR RADIATION TRANSMITTERS

Solar radiation transmitter. Remote probe with 5m cable. Measuring range from 0 to 1500 w/m2. 0-10 V output with 24 Vdc/Vac power supply (active 3-4 wire) or 4-20 mA output with 16 to 30 Vdc power supply (passive 2-wire). With or without display. ABS V0 IP65 housing, with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	POWER SUPPLY / OUTPUT	VP Cena (eur)
<b>CR110-PN</b>	4-20 mA / PASSIVE / WITHOUT DISPLAY	380
<b>CR110-AN</b>	0-10 V / ACTIVE / WITHOUT DISPLAY	380
<b>CR110-P0</b>	4-20 mA / PASSIVE / WITH DISPLAY	410
<b>CR110-A0</b>	0-10 V / ACTIVE / WITH DISPLAY	410

## LIGHT TRANSMITTERS

### CLASS 110 LIGHT TRANSMITTERS

Light transmitter. Remote probe with 2m cable. Measuring range from 0 to 10 000 lux. 0-10 V output with 24 Vdc/Vac power supply (active 3-4 wire) or 4-20 mA output with 16 to 30 Vdc power supply (passive 2-wire). With or without display. ABS V0 IP65 housing with easy-mounting system. Coming in option: LCC-S configuration software.

TYPE / REF	POWER SUPPLY / OUTPUT	VP Cena (eur)
LR110-PN	4-20 mA / PASSIVE / WITHOUT DISPLAY	352
LR110-AN	0-10 V / ACTIVE / WITHOUT DISPLAY	354
LR110-PO	4-20 mA / PASSIVE / WITH DISPLAY	382
LR110-AO	0-10 V / ACTIVE / WITH DISPLAY	384

		VP Cena (eur)
RC110-5	Additional cable, <b>5m long</b> , for remote probe on Class 100 & 210 transmitters	12
RC110-10	Additional cable, <b>10m long</b> , for remote probe on Class 100 & 210 transmitters	21

## CLASS 310 TRANSMITTERS

### C310 MULTI-FUNCTION TRANSMITTERS

Multi-function transmitter with 2 analogue outputs in standard (0-5 V / 0-10 V or 0-20 mA / 4-20 mA), 4-wire technology. 24 Vac/Vdc or 115-230 Vac power supply. With or without backlit graphic display. 2 inputs for Smart probes, and one location for SPI 2 board. IP65 ABS V0 housing with stainless steel front. Supplied with adjustment certificate. Coming in options: all interchangeable probes and all compatible SPI-2 boards, calculation of the air velocity and airflow (SQR-3), high resolution in pressure and Thermocouple K for SPI-2 pressure boards. 4-relay module. 2 additional analogue outputs, RS485 modbus output, Ethernet module, LCC-S configuration software and calibration software.

TYPE / REF	POWER SUPPLY	DISPLAY	VP Cena (eur)
C310-BO	24 Vac / Vdc	YES	446
C310-BN		NON	396
C310-HO	115 / 230 Vac	YES	471
C310-HN		NO	421

### CPE310-S MULTI-FUNCTION FLUSH-MOUNT TRANSMITTER

TYPE / REF	DESCRIPTION	VP Cena (eur)
CPE310-S	<b>Multi-function flush-mount differential pressure transmitter.</b> Range configurable from <b>-100 to +100 Pa (minimum range: 0 to +/- 10 Pa)</b> . Permanent auto-calibration solenoid valve. Pressure connection for calibration on front face. Three 0-5 V / 10 V or 0-20 mA / 4-20 mA, 4-wire technology, Input for interchangeable probes (probes come in option). Configuration of parameters, 3 sound alarms with cutt-off via the keypad on front face or via software (software comes in option), with Mini-Din connector on front face. Electro-luminescent 2-line display, Stainless steel front face. 24 Vac/Vdc power supply. Supplied with adjustment certificate. <u>Coming in option</u> : all interchangeable probes, RS485 modbus output, high resolution in pressure, LCC-S configuration software, calibration certificate.	643
CPE311-S	<b>Multi-function flush-mount differential pressure transmitter.</b> Range configurable from <b>-1000 to +1000 Pa (minimum range: 0 to +/- 10 Pa)</b> . Permanent auto-calibration solenoid valve. Pressure connection for calibration on front face. Three 0-5 V / 10 V or 0-20 mA / 4-20 mA, 4-wire technology, Input for interchangeable probes (probes come in option). Configuration of parameters, 3 sound alarms with cutt-off via the keypad on front face or via software (software comes in option), with Mini-Din connector on front face. Electro-luminescent 2-line display, Stainless steel front face. 24 Vac/Vdc power supply. Supplied with adjustment certificate. <u>Coming in option</u> : all interchangeable probes, RS485 modbus output, high resolution in pressure, LCC-S configuration software, calibration certificate.	643

Caution: the CA-CPE adaptor cable shall be ordered to connect the interchangeable probe with a CPE310. See options.

### CA310 LARGE MULTI-FUNCTION DISPLAYS

**Large multi-function display**, 3 analogue outputs (0-5 V / 0-10 V or 0-20 mA / 4-20 mA), 4-wire technology and 3 relays. 24 Vac/Vdc or 115-230 Vac power supply. Large swivel and LED display, with keypad on front face for parameters configuration and alarm cut-off. ABS IP65 housings, dimensions 240x120x60 mm. 1 input for Smart probes and 1 location for SPI2-A or MVA board. Supplied with adjustment certificate. Coming in option: all interchangeable probes, all compatible SPI2 and MVA boards, calculation of air velocity and airflow (SQR-3), high resolution in pressure, RS485 Modbus, Ethernet, LCC-S software and calibration certificate.

TYPE / REF	POWER SUPPLY	VP Cena (eur)
CA310-B	24 Vac / Vdc	625
CA310-H	110 / 230 Vac	675

Caution: supplied WITHOUT the 3-input board. The board comes as an option / see ref MVA

### INTERCHANGEABLE PRESSURE BOARDS FOR C310 AND CA310

Interchangeable board with solenoid valve and Thermocouple K connector for C310 transmitters. Supplied with pressure connectors, silicone tube and adjustment certificate.

TYPE / REF	MEASURING RANGE	VP Cena (eur)
SPI2-100	-100 / +100 Pa	142
SPI2-500	-500 / +500 Pa	142
SPI2-1000	-1000 / +1000 Pa	142
SPI2-10000	-10 000 / +10 000 Pa	142

### INTERCHANGEABLE ATMOSPHERIC PRESSURE BOARDS FOR C310 AND CA310

TYPE / REF	DESCRIPTION	VP Cena (eur)
SPI2-ATMO	Interchangeable board for C310 and CA310 transmitters, range from <b>800-1100 hPa</b> . Supplied with pressure connection, silicone tube and adjustment certificate.	128

### INTERCHANGEABLE HYGROMETRY / TEMPERATURE PROBES FOR C310 AND CA310

TYPE / REF	DESCRIPTION	VP Cena (eur)
SHSI	Interchangeable hygrometry and <b>ambient</b> temperature <b>stainless steel</b> probe, with stainless steel filter, for C310 and CA310 transmitters. Standard mounting probe length 120mm with 1/4 turn airtight connector. Measuring range from 5 to 95 %RH and -20°C +80° C. Supplied with adjustment certificate. <u>Coming in option</u> : protection tips and filters.	138

### INTERCHANGEABLE HYGROMETRY / TEMPERATURE PROBES FOR CLASS 310

TYPE / REF	DESCRIPTION	VP Cena (eur)
SHDP-150	Interchangeable <b>Polycarbonate</b> hygrometry / temperature probe, with stainless steel filter, for Class 310. <b>Remote probe length 150mm</b> , diameter 13mm. Measuring range: 5 to 95 %RH and -20 to 80°C, white silicone tube length 2m, with 1/4 turn airtight connector. Supplied with adjustment certificate. Coming in option: protection tips and filters.	164
SHDP-300	Interchangeable <b>Polycarbonate</b> hygrometry / temperature probe, with stainless steel filter, for Class 310. <b>Remote probe length 300mm</b> , diameter 13mm. Measuring range: 5 to 95 %RH and -20 to 80°C, white silicone tube length 2m, with 1/4 turn airtight connector. Supplied with adjustment certificate. Coming in option: protection tips and filters.	171
SHDI-150	Interchangeable <b>stainless steel</b> hygrometry / temperature probe, with stainless steel filter, for Class 310. <b>Remote probe length 150mm</b> , diameter 13mm. Measuring range: 5 to 95 %RH and -40 to 180°C, white silicone tube length 2m, with 1/4 turn airtight connector. Supplied with adjustment certificate. Coming in option: protection tip and filters.	192
SHDI-300	Interchangeable <b>stainless steel</b> hygrometry / temperature probe, with stainless steel filter, for Class 310. <b>Remote probe length 300mm</b> , diameter 13mm. Measuring range: 5 to 95 %RH and -40 to 180°C, white silicone tube length 2m, with 1/4 turn airtight connector. Supplied with adjustment certificate. Coming in option: protection tips and filters.	196

### INTERCHANGEABLE AIR VELOCITY PROBES FOR CLASS 310

TYPE / REF	DESCRIPTION	VP Cena (eur)
SVS	Air velocity and temperature stainless steel remote <b>hotwire probe</b> , interchangeable, length 300mm, diameter 8mm. Measuring range: 0 to 30 m/s and 0 to 50°C, white PVC cable length 2m, with 1/4 turn airtight connector, for C310. Supplied with adjustment certificate.	231
SVO	Air velocity and temperature stainless steel remote <b>omni-directional</b> hotwire probe, interchangeable, length 300mm, diameter 8mm. Measuring range: 0,00 to 5 m/s and 0 to 50°C, white PVC cable length 2m, with 1/4 turn airtight connector, for C310. Supplied with transport case, tripod and adjustment certificate.	498
SVH-14	Air velocity and temperature remote <b>Ø 14mm</b> vane probe, interchangeable, length 300mm. Measuring range: 0.8 to 25 m/s and -20 to 80°C, white PVC cable length 2m, with 1/4 turn airtight connector, for C310. Supplied with adjustment certificate.	305

<b>SVH-70</b>	SVH-70 air velocity and temperature remote <b>Ø 70mm vane probe</b> , interchangeable, length 200mm. Measuring range: 0.4 to 35 m/s and -20 to 80°C, white PVC cable length 2m, with 1/4 turn airtight connector. Supplied with adjustment certificate. For C310, CPE310 and CA310 transmitters	235
<b>SVH-100</b>	SVH-100 air velocity and temperature remote <b>Ø 100mm vane probe</b> , interchangeable, length 200mm. Measuring range: 0.3 to 35 m/s and -20 to 80°C, white PVC cable length 2m, with 1/4 turn airtight connector. For C310, CPE310 and CA310 transmitters. Supplied with adjustment certificate.	239

#### **OTHER INTERCHANGEABLE PROBES FOR CLASS 310**

TYPE / REF	DESCRIPTION	VP Cena (eur)
<b>SCCO</b>	<b>CO and temperature</b> interchangeable probe, made of ABS V0. Remote probe length 160mm, diameter 26mm. Measuring range: 0 to 500 ppm and 0 to 50 °C, white PVC cable length 2m, with 1/4 turn airtight connector, for C310. Supplied with mounting clamp and adjustment certificate.	249
<b>SCO2</b>	<b>CO2 and temperature</b> interchangeable probe, made of ABS V0. Remote probe length 160mm, diameter 26mm. Measuring range: 0 to 5000 ppm and 0 to 50 °C, white PVC cable length 2m, with 1/4 turn airtight connector, for C310. Supplied with mounting clamp and calibration certificate.	392
<b>STD-13</b>	<b>PT100 1/3 DIN</b> temperature probe, general use, interchangeable. Probe length 150mm, diameter 6mm, IP65. Measuring range: -50 to 180°C. With grey silicone tube length 2m, with 1/4 turn airtight connector, adjustment certificate.	159
<b>STS-13</b>	General use <b>PT100</b> temperature probe, <b>1/3 DIN</b> , interchangeable. Diameter 6mm, length 22mm. Measuring range from -20 +80 °C. Direct output on connector. For C310, CPE310 transmitters (with extension) and CA310 large display. Supplied with adjustment certificate.	108

#### **EXTENSIONS FOR INTERCHANGEABLE PROBES - FOR CLASS 310**

TYPE / REF	DESCRIPTION	VP Cena (eur)
<b>R310-5</b>	<b>5m</b> extension for Class 310 interchangeable probes	65
<b>R310-10</b>	<b>10m</b> extension for Class 310 interchangeable probes	86

#### **ADDITIONAL OPTIONS FOR C310**

TYPE / REF	DESCRIPTION	VP Cena (eur)
<b>O2S</b>	O2S option for <b>2 additional analogue outputs</b> . Current / voltage 0-20 mA / 4-20 mA and 0-1 V / 0-5 V / 0-10 V. Activation by code. For C310 transmitters	72
<b>C4R</b>	Additional <b>4-relay "3 A"</b> board, with 3-point terminal block. For CP310, CPE 310 and CA310 transmitters.	64

#### **ADDITIONAL OPTIONS FOR C310 AND CA310**

TYPE / REF	DESCRIPTION	VP Cena (eur)
<b>CETHE</b>	Additional <b>Ethernet network board</b> , for configuration and data transmission. Supplied with cap and airtight sock for C310 and CA310 connectors (mounting shall be done at our factory)	86
<b>SQR/3</b>	<b>Square root extraction for direct calculation of air velocity and airflow</b> , from the pressure measurement. For C310 and CA310	86

#### **ADDITIONAL OPTIONS FOR CPE310**

TYPE / REF	DESCRIPTION	VP Cena (eur)
<b>CA-CPE</b>	<b>Adaptation cable</b> , to connect an interchangeable probe to a CPE310	87
<b>BI-310</b>	<b>Stainless steel housing</b> for flange mounting of CPE310-S flush-mount transmitters. Supplied with bag of accessories	84

TYPE / REF	DESCRIPTION	VP Cena (eur)
<b>MVA</b>	Interchangeable board with 3 analogue inputs current / voltage: 0-20 mA / 4-20 mA and 0-2,5V / 0-5V / 0-10, with terminal block for CA310. Supplied with adjustment certificate.	141

#### **ADDITIONAL OPTIONS FOR CLASS 310**

TYPE / REF	DESCRIPTION	VP Cena (eur)
<b>RS5</b>	<b>RS485 Modbus for configuration and data transmission. For Class 310</b>	66
<b>HRP</b>	<b>High resolution</b> option for pressure (ex : 0.1 Pa) for C310, CPE310 and CA310 transmitters. Exclusively for pressure range from -100 + 100 Pa	58

## ACCESSORIES FOR TRANSMITTERS

### ALTERNATIVE CURRENT POWER SUPPLY

TYPE / REF	DESCRIPTION	VP Cena (eur)
KI-AL-100-A	Class 2 power supply. Mounting with integrated brackets. Input voltage: 230 Vac, output voltage: 24 Vac, 100 mA intensity. For manostats and Class 50/100 transmitters.	15
KI-AL-750-A	KI-AL-750-A. Class 2 power supply. DIN rail mounting. Input voltage: 230 VAC. Output voltage: 24 VAC. Nominal power 18 VA, intensity 750 mA.	63
KI-AL-6000-A	Class 2 stabilized power supply. Mounting with integrated mounting flange. Input voltage: 230 Vac, output voltage: 24 Vac. Nominal power: 24 VA. Current: 6 A	251

### DIRECT CURRENT POWER SUPPLY

TYPE / REF	DESCRIPTION	VP Cena (eur)
KI-AL-100-C	Class 2 regulated power supply. Input voltage: 230 Vac. Output voltage: 24 Vdc. 100 mA intensity.	43
KI-AL-600-C	Class 2 stabilized power supply. Rail-DIN mouting. Input voltage: 110/240 Vac. Output voltage: 24 Vdc. Power 15 W, intensity 630 mA.	80
KI-AL-1000-C	Class 2 stabilized power supplier. Mounting with integrated mounting flange. Input voltage: 230 Vac, output voltage: 24 Vdc. Nominale power: 24 VA. Intensity : 1 A	350

### SOFTWARE FOR 2013 RANGE

TYPE / REF	DESCRIPTION	VP Cena (eur)
LCC-S	Configuration software for <b>MONOSTAT, CLASS 110/210/310</b> . Supplied with USB cable.	214

### MOUNTING ACCESSORIES

TYPE / REF	DESIGNATION	VP Cena (eur)
PF-110	ABS wall-mount plate for stats and Class 110/210 transmitters.	15
KI-BF13-C	Stainless steel mounting clamp with through wire. Diameter 13mm with through-hole for wire, for vane probes on 2013 transmitters	25
PF300	Stainless steel wall-mount plate for C310	20
KSFO	Swivelling fixing support made of stainless steel, for C310 transmitters, supplied with fixing clamp. Setting with knurled nut.	56

## CLASS 300 - FLUSH-MOUNT TRANSMITTER

TYPE	DESCRIPTION	VP Cena (eur)
ATE-300-I	Brushed stainless steel flush-mount display type ATE-300-I. Three 4-20 mA or 0-10 V inputs, 1 RS 232 input and 1 MODBUS input/output. 24 Vdc/Vac power supply.	545
LCC-300	Configuration software type : LCC-300. For Class 200/300 transmitters, supplied with user manual and RS 232 connectio	275
KT-USB	KT-USB adaptor USB / RS232 (DB25 or DB9) for Windows XP. Supplied with driver on CD-ROM and user manual.*	85

## DATA ACQUISITION SYSTEM

### ACQUISITION MODULES

TYPE	DESCRIPTION	VP Cena (eur)
MD 100	Acquisition module with <b>8 analogue inputs</b> 4-20 mA or 0-10 V + RS 485 MODBUS protocole, RS 485 MODBUS protocole output. Power supply 10-30 Vdc (127-Ohm shunts shall be available for 4-20 mA inputs: please refer to PS120). Supplied with wall-mounting system and with DIN rail fixing system	539

<b>MD 120</b>	Acquisition module with <b>6 Pt 100 or Pt 1000 inputs</b> + RS 485 MODBUS protocole, RS 485 MODBUS protocole output. Power supply 10-30 Vdc Supplied with wall-mount system and DIN rail fixing system.	649
<b>MD 140</b>	Acquisition module with <b>6 NTC thermistance inputs</b> + RS 485 MODBUS protocole, RS 485 MODBUS protocole output. Power supply 10-30 Vdc Supplied with wall-mounting system and with DIN rail fixing system.	639
<b>MD 160</b>	Acquisition module with <b>8 Thermocouple K, J or T inputs</b> + RS 485 MODBUS protocole, RS 485 MODBUS protocole output. Power supply 10-30 Vdc. Supplied with wall-mounting system and with DIN rail fixing system.	628
<b>MR 100</b>	Acquisition module with <b>RS 485 MODBUS protocole input, 8 RCR relay output.</b> Power supply 10-30 Vdc. Supplied with wall-mounting system and with DIN rail fixing system.	386
<b>MD 180</b>	Acquisition module with <b>8 TOR input, 24 V input. 2500 V isolating.</b> Power supply 10-30 Vdc. Supplied with wall-mounting system and with DIN rail fixing system.	403
<b>MD 190</b>	Acquisition module with 7-input <b>pulse counter.</b> 3kHz input counter (32 bits + 1 overange bit). 30V maximum input 3000 V insulation. 10-30 Vdc power supply. Supplied with wall-mounting system and with DIN rail fixing system.	398

#### COMMUNICATION MODULES

<b>MC 100</b>	Converter module, RS 485 MODBUS protocole / <b>ETHERNET.</b> Supplied with power adapter, 1 RJ 45 2m cable, and configuration software. <b>2-unit minimum order</b>	889
<b>BK-RF-AKI</b>	BK-RF-AKI communication base. USB connection for PC, 1 relay output. Supplied with main power supply and USB cable.	318

#### SOFTWARES AND CONNECTION MODULES

<b>AKIVISION V2</b>	AKIVISION-A V2 software for Windows. Including 1 software for configuration, data acquisition, viewing of data in real time and data processing, 255 Modbus addresses, ETHERNET KIMO Class 310 transmitters and wireless Kistock dataloggers.	1,029
<b>AKIVISION-E-V2</b>	AKIVISION-E V2 software. For datata processing and viewing of data recorded with AKIVISION-A V2.	365
<b>ML 120</b>	Connection module for <b>PC. USB / RS 485</b> MODBUS protocole. 1200m maximum length. Supplied with USB cable, wall-mounting fixing and DIN rail fixing system	319
<b>ML 100</b>	Connection module for <b>PC. RS 232 / RS 485</b> MODBUS protocole. Power supply 10-30 Vdc. Supplied with wall-mounting system and DIN rail fixing system.	208

### TEMPERATURE CONVERTERS

VP Cena  
(eur)

#### UNDER-HEAD MOUNTING TEMPERATURE CONVERTERS

<b>CO-P</b>	CO-P Pt100 temperature converter for mounting under head. Pt100 input, 4-20 mA output. 7 to 30 Vdc power supply. Configuration with push-button or with LCC-S software (software coming as an option) Measuring range in temperature shall be confirmed on order.	55
<b>CO-T</b>	Converter of temperature for mounting under head type CO-T. Thermocouple input K, J, T, N, output 4-20 mA. Power supply: 7 to 30 Vdc. Configurable maxi scale : type K: - 200 °C + 1300 °C, Type J: - 100 °C + 750 °C, Type T: - 200 °C + 400 °C, Type N: - 200 °C + 1300 °C. Configuration of the scale by button or software (optional LCC-S). Working range of temperature: (to BE DEFINED)	87

#### RAIL-DIN MOUNTING TEMPERATURE CONVERTERS

<b>CORD-P</b>	Rail-din mounting temperature converter. PT100 input, 4-20 mA output. 7 to 30 Vdc power supply. Maximum configurable range: - 200 °C + 850 °C.Configuration by push-button or by optional LCC-S software Temperature range to be confirmed on order.	70
<b>CORD-T</b>	Rail-din temperature converter. Thermocouple K, J, T, N input, 4-20 mA output. 9 to 30 Vdc power supply. Maximum configurable range: Type K - 200 °C + 1300 °C, Type J - 100 °C + 750 °C, Type T: - 200 °C + 400 °C, Type N - 200 °C + 1300 °C. Configuration by push-button or by optional LCC-S software Temperature range to be confirmed on order.	98

<b>LCC-S</b>	LCC-S configuration software, for CO-P Pt100 temperature transmitter. Software coming in a CD, supplied with connection cable user manual.	216
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## CALIBRATION BENCHES

### PRESSURE CALIBRATION BENCH

TYPE	DESCRIPTION	VP Cena (eur)
<b>GP 500-1</b>	GP 500 autonomous calibration bench for low pressure. Measuring range: 0 to 2500 Pa. Resolution 0.01 Pa from 0 to 99 Pa; 0.1 Pa from 100 to 999 Pa and 1 Pa beyond. Standard reference transmitter with permanent self-calibration, generating a dynamic pressure from 5 to 2500 Pa. LCD backlit graphic display, 86x51mm. USB input for PC connection. Pressure connection with fast connection diameter 6mm. Main power supply or battery (8h autonomy). Anti-shock housing with transport handle, dimensions 378x301x161 mm. Supplied in a transport case, with main power supply cable, USB cable, dataprocessing software, calibration certificate and user manual.	3,960
<b>GP 500-2</b>	GP 500 autonomous calibration bench for low pressure. Measuring range: 0 to 10 000 Pa. Resolution 0.1 Pa from 0 to 999 Pa Pa and 1 Pa beyond. Standard reference transmitter with permanent self-calibration, generating a dynamic pressure from 5 to 10 000 Pa. LCD backlit graphic display, 86x51mm. USB input for PC connection. Pressure connection with fast connection diameter 6mm. Main power supply or battery (8h autonomy). Anti-shock housing with transport handle, dimensions 378x301x161 mm. Supplied in a transport case, with main power supply cable, USB cable, dataprocessing software, calibration certificate and user manual.	3,960

### HYGROMETRY CALIBRATION BENCH

TYPE	DESCRIPTION	VP Cena (eur)
<b>GH 500</b>	GH 500 hygrometry bench. Measuring range from 0 to 100 %RH. Generating range from 10 to 85 %RH. Simultaneous display of measurement and of hygrometry setpoint. Configuration via keypad on front face. Ventilated measuring range 225*178*85 mm with four PG16 cable gland and one PG29 cable gland. Power supply 110/230 Vac 50 Hz. Dimensions 410*410*242 mm. Supplied in transport case, with 1 bottle of demineralised waer and 1 bottle of silica gel.sport case, with main power supply cable, USB cable, dataprocessing software, calibration certificate and user manual.	3,960
<b>VTGH</b>	Transport case with foam, for GH500 hygrometry bench	383

## INTERCHANGEABLE PROBES for TRANSMITTERS / 2004 RANGE

TYPE	RANGE	VP Cena (eur)
<b>STH-PS100</b>	Interchangeable humidity and temperature probe type STH-PS100.	118
<b>STH-PD150</b>	Interchangeable humidity and temperature probe type STH-PD150.	149
<b>STH-PD300</b>	Interchangeable humidity and temperature probe type STH-PD300.	149
<b>STH-IS100</b>	Interchangeable humidity and temperature probe type STH-IS100.	179
<b>STH-ID150</b>	Interchangeable humidity and temperature probe type STH-ID150.	247
<b>STH-ID300</b>	Interchangeable humidity and temperature probe type STH-ID300.	247

### ADDITIONAL CABLE

<b>C-THA-5</b>	Additional cable for ABS remote probe of TH200/300 transmitters, type C-THA-5, total cable length 5m.	21
<b>C-THA-10</b>	Additional cable for ABS remote probe of TH200/300 transmitters, type C-THA-10, total cable length 10m.	39
<b>C-THI-5</b>	Additional cable for stainless steel remote probe of TH200/300, CTV200 transmitters, type C-THI-5, total	22
<b>C-THI-10</b>	Additional cable for stainless steel remote probe of TH200/300, CTV200 transmitters, type C-THI-10 total	40

### SPI BOARDS

<b>SPI-100</b>	SPI Interchangeable board type SPI-100.	113
<b>SPI-500</b>	SPI interchangeable board type SPI-500.	110
<b>SPI-1000</b>	SPI interchangeable board type SPI-1000.	110
<b>SPI-10000</b>	SPI interchangeable board type SPI-10000. Range : 0-10 000 Pa. For Class 300 pressure transmitters	113

### STV PROBES

SERIAL NUMBER OF THE TRANSMITTER IS COMPULSORY TO CHECK THE

<b>STV-150</b>	Stainless steel interchangeable remote probe type STV-150, length 150mm, measuring range 0 to 30 m/s	159
<b>STV-300</b>	Stainless steel interchangeable remote probe type STV-300, length 300mm, measuring range 0 to 30 m/s	165
<b>STV-OMNI</b>	STV-OMNI: omnidirectional telescopic probe, for air velocity - Temperature - (0,00 to 5 m/s, 0 to 50 °C).	692

### INFRARED REMOTE CONTROL

<b>ZI-300</b>	Infrared remote control type ZI 300.	68
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