

KIMO Differential Pressure Sensors / Transmitters

Sensor / Transmitter Class 110 – CP111 - CP112 - CP113

- Output: 0-10 V or 4-20 mA, Active supply 24 Vac/Vdc (3-4 wires)
4-20 mA, loop Passive supply 16 to 30 Vdc (2 wires)
- Case ABS VO IP65, with or without display
- Measuring units:
Pa, mmH₂O, inWG, mmHG, daPa, kPa, hPa, mBar
- Accuracy
CP111 ±1% of reading ±2 Pa
CP112 ± 1.5% of reading ± 3 Pa
CP113 ± 1.5% of reading ± 3 mmH₂O
- Auto-zero: Manual by push-button
Automatic by solenoid valve (CP111)



Code	Description	Display
CP111-AO	Active 0 -10V ou 4 - 20 mA, 24 Vac/Vdc	Yes
CP111-AN	+/- 100 Pa with solenoid valve	No

Sensor/Transmitter Class CP114 - CP115

- Output: 0-10 V or 4-20 mA, Active supply: 24 Vac/Vdc (3-4 wires)
4-20 mA, loop Passive supply: 16 à 30 Vdc (2 wires)
- Case ABS VO IP65, with or without display
- Measuring units:
mBar, inWG, mmHG, PSI, mmH₂O, daPa, hPa, kPa
- Accuracy: 1.5 % of reading 3 mBar
- Auto-zero : Manual by push-button



Code	Supply / Output	Display
CP111 <input type="checkbox"/> - AO	Active – 0-10 V or 4-20 mA, 24 Vca/cc	Yes
CP111 <input type="checkbox"/> - AN	Active – 0-10 V or 4-20 mA, 24 Vca/cc	No
CP111 <input type="checkbox"/> - PO	Passive – 4-20 mA, 16 to 30 Vcc	Yes
CP111 <input type="checkbox"/> - PN	Passive – 4-20 mA, 16 to 30 Vcc	No

2 -1000/+1000 Pa
 3 -10000/+10000 Pa
 4 -500/+500 mBar
 5 -2000/+2000 mBar

RANGE CODE
 MEASUREMENT SCALE

Code	Description
LCC-S	Configuration software for monostats and sensors Class 110/210 with notice and USB cable

KIMO Sensor / Transmitter for atmospheric pressure

CP116

- Measuring span from 800 to 1100 hPa
- Pressure indication in mBar, mmHG or hPa
- Output: 0-10V or 4-20mA, Active supply 24Vac/Vdc (3-4 wires)
4-20 mA, loop Passive supply 16 to 30 Vdc (2 wires)
- Measuring units: mBar, hPa, mmHG
- Accuracy: ±3 hPa
- Case ABS VO IP65, without display



Code	Output	Display	Code
CP116	<input type="checkbox"/> Active	<input type="checkbox"/> Yes	CP116-AO
	<input type="checkbox"/> Passive	<input type="checkbox"/> No	CP116-AN

Accessories Description

Code	Description
TC5X 8-25	Roll of crystal tube 5x8 mm 25 m
TC4X6-25	Roll of crystal tube 4x6 mm 25 m, adapted for CP103, CP104 or CP203, CP204
TS4X7-25	Roll of soft silicone tube roll 4x7 mm, white or black, 25 m

KIMO Differential Pressure and Temperature Sensors / Transmitters

Sensors / Transmitters Class 210 – CP210

- Range from -100/+100 Pa to -2000/+2000mBar (depending on model)
- Input Pt100 on terminal for measuring temperature: range from -100 to +400 °C (probes optional)
- Configurable intermediary scales
- Analogue output 4 wires 0-5/10 V or 0/4-20 mA
- Supply: 24 Vdc/Vac or 115/230 Vac
- Tendency indicator
- Case ABS VO IP65, with or without display
- Accuracy:
CP211/212 ±0.5% of reading ±2 Pa
CP213 ±0.5% of reading ±10 Pa
CP214 ±0.5% of reading ±0,5 mBar
CP215 ±0.5% of reading ±2 mBar
- Temperature Function available on
CP211/212/213/214/215 ±0.3 % of reading ±0.25 °C
- Velocity and Flow Function available on
CP211, CP212 et CP213



	Range	Supply	Display
CP211	<input type="checkbox"/> -BN ±100 Pa	(B) 24 Vac/Vdc	No
CP211	<input type="checkbox"/> -BO ±100 Pa	(B) 24 Vac/Vdc	Yes
CP211	<input type="checkbox"/> -HN ±100 Pa	(H) 115 ou 230 Vac	No
CP211	<input type="checkbox"/> -HO ±100 Pa	(H) 115 ou 230 Vac	Yes

CP211	<input type="checkbox"/> -BN	(B) 24 Vac/Vdc	No
CP211	<input type="checkbox"/> -BO	(B) 24 Vac/Vdc	Yes
CP211	<input type="checkbox"/> -HN	(H) 115 ou 230 Vac	No
CP211	<input type="checkbox"/> -HO	(H) 115 ou 230 Vac	Yes

2 -1000/+1000 Pa
 3 -10000/+10000 Pa
 4 -500/+500 mbar
 5 -2000/+2000 mBar

RANGE CODE
 MEASUREMENT SCALE

KIMO Differential Pressure Switch

PST

- Inverter for relay output 3A / 230 Vac, supply 24 Vac / Vdc
- Visual and sound alarm, red led on front
- Case ABS VO IP65
- Auto-calibration solenoid valve (only with PST11)
- Measuring units:
PST11, PST12, PST13
Pa, mmH₂O, inWG, mmHG, daPa, kPa, hPa, mBar
PST14, PST15
mBar, inWG, mmHG, PSI, mmH₂O, daPa, hPa, kPa, Bar
- Accuracy:
PST11 ±1% of reading ±2 Pa
PST12 ±1,5% of reading ±3 Pa
PST13 ±1.5% of reading ±3 mmH₂O
PST14 et PST15 ±1.5% of reading ±3 mBar



Order Code	Ranges
PST-11	-100/+100 Pa (with solenoid valve)
PST-12	-1000/+1000 Pa
PST-13	-10000/+10000 Pa
PST-14	-500/+500 mBar
PST-15	-2000/+2000 mBar