

Rail-mounted transmitters



SEM 1605P

Pt100 transmitter; PC configuration.



SEM 1605TC

Thermocouple transmitter; PC configuration.



SEM 1615

RTD, thermocouple, potentiometer, resistance, mV transmitter; PC configuration.



SEM 315 MKII

HART 5,6,7 compatible RTD, thermocouple, potentiometer, resistance, mV transmitter; PC configuration.



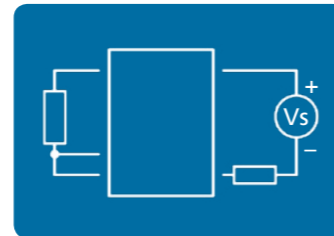
SEM 1801/2RX

RTD, potentiometer, resistance transmitter; PC configuration. IS-approved.



SEM 1801/2TCX

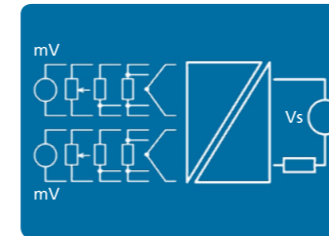
Thermocouple transmitter; PC configuration. IS-approved.



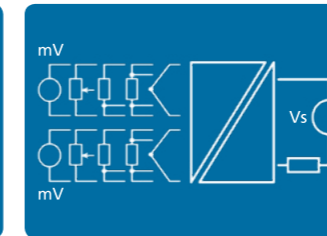
Single channel



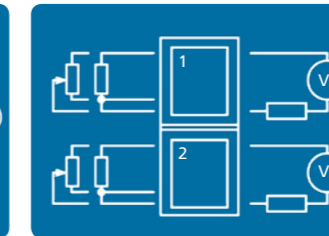
Single channel



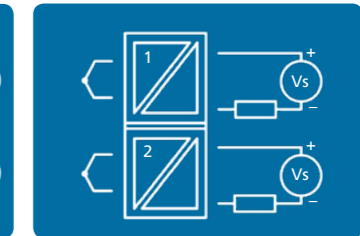
Dual input



Dual input



Single or dual channel



Single or dual channel

INPUT

TYPE

- Pt100
- Other RTD sensors
- Resistance
- Potentiometer
- Thermocouple type

- Voltage
- Current

Yes - 2, 3 wire	N/A
Yes	N/A
N/A	N/A
N/A	N/A
N/A	K, J, N, E, T, R, S, L, U, B, C, D, G
N/A	N/A
N/A	N/A

Yes - 2, 3, 4 wire	Yes - 2, 3, 4 wire
Yes - 2, 3, 4 wire	Yes - 2, 3, 4 wire
(10 to 10,500) Ω	(10 to 10,500) Ω
1 kΩ to 100 kΩ auto sense	1 kΩ to 100 kΩ auto sense
K, J, N, E, T, R, S, L, U, B, C, D, G custom	K, J, N, E, T, R, S, L, U, B, C, D, G custom
(-1000 to +1000) mV	(-1000 to +1000) mV
N/A	N/A

Yes - 2, 3 wire	Yes - 2, 3 wire
Yes - 2, 3 wire	Yes - 2, 3 wire
N/A	N/A
Yes	N/A
N/A	N/A
N/A	N/A
N/A	N/A

N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
K, J, N, E, T, R, S, L, U, B, C, D, G	K, J, N, E, T, R, S, L, U, B, C, D, G
N/A	N/A
N/A	N/A

OUTPUT

(4 to 20) mA	(4 to 20) mA
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(4 to 20) mA	(4 to 20) mA HART
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(4 to 20) mA	(4 to 20) mA
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(4 to 20) mA	(4 to 20) mA
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GENERAL

- Isolation
- Custom linearisation
- Output zero/span alignment to input
- User offset
- Ambient operating
- Power supply
- Configuration
- Width

N/A	Yes
N/A	N/A
Yes	Yes
Yes	Yes
(-30 to +70) °C	(-30 to +70) °C
(10 to 30) VDC	(10 to 30) VDC
PC	PC
17.5 mm	17.5 mm

Yes	Yes
Yes	Yes
Yes	Yes
Yes	Yes
(-30 to +70) °C	(-30 to +70) °C
(10 to 30) VDC	(10 to 30) VDC
PC	PC / HART configurator
17.5 mm	17.5 mm

N/A	N/A
Yes - resistance / potentiometer	Yes
Yes	Yes
Yes	Yes
(-30 to +70) °C	(-30 to +70) °C
(10 to 30) VDC	(10 to 30) VDC
PC	PC
22 mm	22 mm

N/A	N/A
Yes	Yes
Yes	Yes
Yes	Yes
(-30 to +70) °C	(-30 to +70) °C
(10 to 30) VDC	(10 to 30) VDC
PC	PC
22 mm	22 mm

APPROVALS

- ATEX
- IEC Ex
- EMC

N/A	N/A
N/A	N/A
EN BS 61326	EN BS 61326

N/A	N/A
N/A	N/A
EN BS 61326	EN BS 61326

Yes	Yes
Yes	Yes
EN BS 61326	EN BS 61326

Yes	Yes
Yes	Yes
EN BS 61326	EN BS 61326