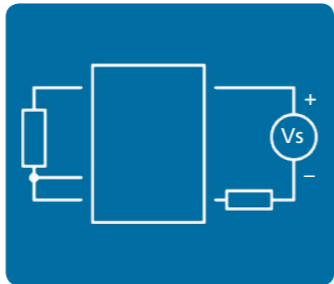


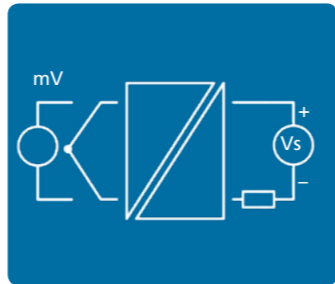
In-head transmitters



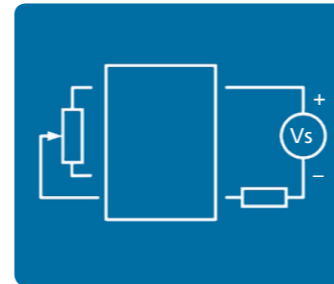
SEM 203P
Pt100 transmitter; push-button configuration.



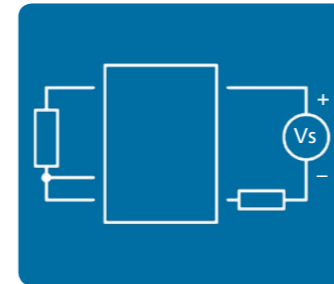
SEM 203TC
Thermocouple transmitter; push-button configuration.



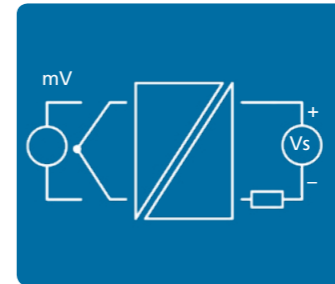
SEM 203W
Potentiometer transmitter; push-button configuration.



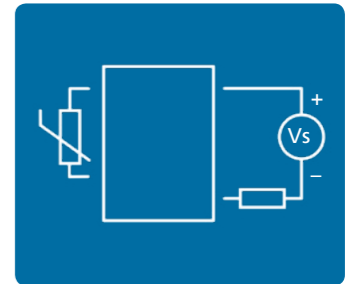
SEM 206P
Pt100 transmitter; PC configuration.



SEM 206TC
Thermocouple transmitter; PC configuration.



SEM 206TH
Thermistor transmitter; PC / push-button configuration.

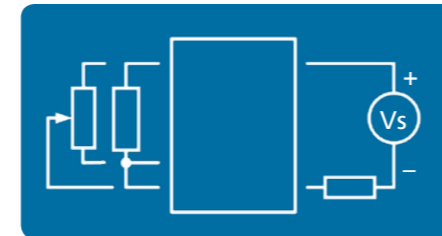


	SEM 203P	SEM 203TC	SEM 203W	SEM 206P	SEM 206TC	SEM 206TH	
INPUT	TYPE	In-head	In-head	In-head	In-head	In-head	
	Pt100	Yes - 2, 3 wire	N/A	N/A	Yes - 2, 3 wire	N/A	
	Other RTD sensors	N/A	N/A	N/A	N/A	N/A	
	Resistance	N/A	N/A	N/A	N/A	N/A	
	Potentiometer	N/A	N/A	1 kΩ to 100 kΩ	N/A	N/A	
	Thermocouple type	N/A	K, J, N, E, T, R, S	N/A	N/A	K, J, N, E, T, R, S	
Voltage	N/A	(-10 to +70) mV	N/A	N/A	(-10 to +70) mV	N/A	
Current	N/A	N/A	N/A	N/A	N/A	N/A	
Thermistor	N/A	N/A	N/A	N/A	N/A	Yes	
OUTPUT		(4 to 20) mA	(4 to 20) mA	(4 to 20) mA	(4 to 20) mA	(4 to 20) mA	
GENERAL	Isolation	N/A	Yes	N/A	N/A	Yes	
	Custom linearisation	N/A	N/A	N/A	N/A	N/A	
	Output zero/span alignment to input	Yes - push-button	Yes - push-button	Yes - push-button	N/A	N/A	Yes - push-button
	User offset	N/A	N/A	N/A	Yes	Yes	N/A
	Display	N/A	N/A	N/A	N/A	N/A	N/A
	Ambient operating	(-40 to +85) °C	(-40 to +85) °C	(-40 to +85) °C	(-40 to +85) °C	(-40 to +85) °C	(-40 to +85) °C
	Power supply	(10 to 30) VDC	(10 to 30) VDC	(10 to 30) VDC	(10 to 30) VDC	(10 to 30) VDC	(10 to 30) VDC
Configuration	Push-button	Push-button	Push-button	PC	PC	Push-button / PC	
Width / diameter	43 mm dia.	43 mm dia.	43 mm dia.	43 mm dia.	43 mm dia.	43 mm dia.	
APPROVALS	ATEX	N/A	N/A	N/A	N/A	N/A	
	IEC Ex	N/A	N/A	N/A	N/A	N/A	
	Marine DNV standard	Yes	Yes	N/A	Yes	Yes	N/A
	EMC	EN BS 61326	EN BS 61326	EN BS 61326	EN BS 61326	EN BS 61326	EN BS 61326

In-head transmitters



RTD, potentiometer, resistance transmitter; PC configuration.
IS-approved version: TTR200X.



In-head

Yes - 2, 3 wire
Yes - 2, 3 wire
(10 to 10,500) Ω
1 kΩ to 100 kΩ auto sense
N/A
N/A
N/A
Yes

(4 to 20) mA

No
Resistance / potentiometer
Yes
Yes
N/A
(-40 to +85) °C
(10 to 30) VDC
PC
43 mm dia.

Yes
Yes
Yes
EN BS 61326



Thermocouple, mV transmitter; PC configuration.
IS-approved version: TTC200X.



In-head

N/A
N/A
N/A
N/A
K, J, N, E, T, R, S, L, U, B, C, D, G custom
(-100 to +200) mV
N/A
N/A

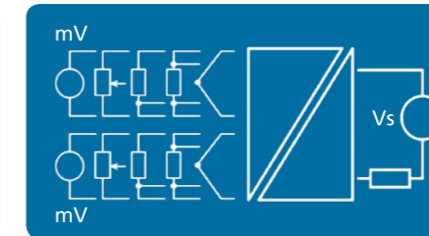
(4 to 20) mA

Yes
Yes - mV
Yes
Yes
N/A
(-40 to +85) °C
(10 to 30) VDC
PC
43 mm dia.

Yes
Yes
Yes
EN BS 61326



RTD, thermocouple, potentiometer, resistance, mV transmitter; PC configuration.
IS-approved version: SEM210X.



In-head, dual input

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

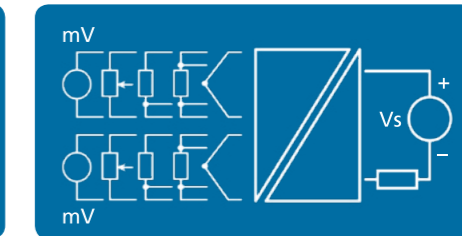
(4 to 20) mA

Yes
Yes
Yes
Yes
N/A
(-40 to +85) °C
(10 to 30) VDC
PC
44 mm dia.

Yes
Yes
Yes
EN BS 61326



HART 5,6,7 compatible RTD, thermocouple, potentiometer, resistance, mV transmitter; PC configuration.
IS-approved version: SEM310X.



In-head, dual input

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

(4 to 20) mA HART

Yes
Yes
Yes
Yes
N/A
(-40 to +85) °C
(10 to 30) VDC
PC and HART configurator
44 mm dia.

Yes
Yes
Yes
EN BS 61326

INPUT

TYPE

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

- Voltage
- Current
- Thermistor

OUTPUT

GENERAL

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

APPROVALS

- ATEX
- IEC Ex
- Marine DNV standard
- EMC