

Current output (SM301..304):

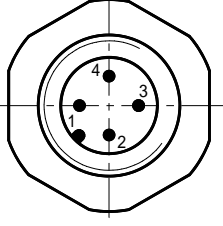
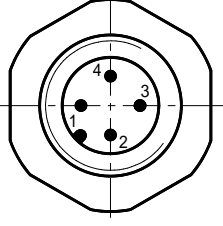
Output signal	0..20 mA or 4..20 mA
Supply current I_B	max. 60 mA
Load resistance R_L	0..500 Ω
Residual ripple	< 0,005 mA _{SS}
Dependence on R_L	< 0,001% for $\Delta R_L = 100\Omega$
Dependence on U_B	< 0,05% for $\Delta U_B = 1V$

Voltage output (SM305..308):

output signal	± 10 VDC or 0..10 VDC
Supply current I_B	max. 50 mA
Permissible load R_L	≥ 2 k Ω (short-circuit proof)
Residual ripple	< 5 mV _{SS}
Residual voltage SM307/308	max. 0,1 VDC
Dependence on U_B	< 0,05% for $\Delta U_B = 1V$

Electrical connections at plug

(view to the plug at sensor)

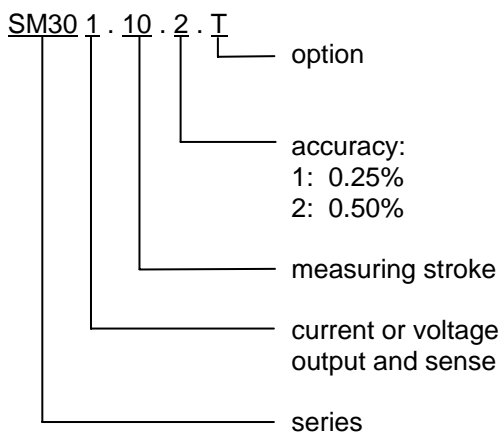
4-channel output /1 /2 /3 /4 /7 /8	4-channel output /5 /6
	
1: + U_B 2: not connected 3: I_A / U_A (output) 4: - U_B (0V)	1: + U_B 2: 0V 3: U_A (output) 4: - U_B

Materials:

housing	nickel plated brass
plunger	stainless steel
core	stainless nickel-iron alloy
connector	nickel plated brass
contacts	gold plated brass

Options and accessories:

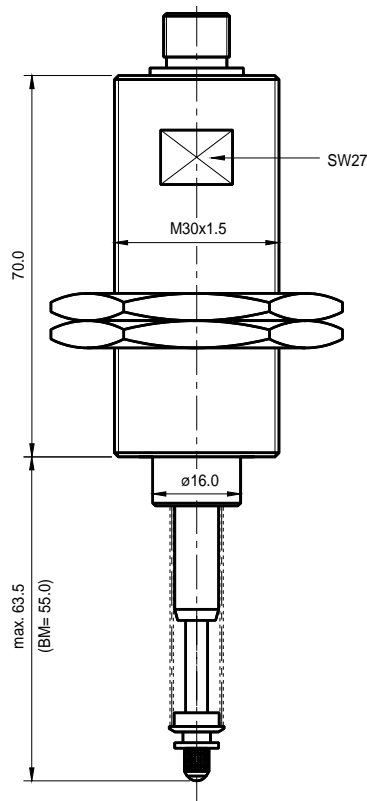
Version .T	gauge type
Version .B	with bellows

Order code

Order codes for customer specified versions will be named at plant.

example: SM303.10.2

Sensor series 30, output 4-20 mA (increasing), 10mm measuring stroke, accuracy 0,5%



Your Distributor



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