

technical data

process connection	G1/2" hygienic
measuring range	-50°C...+200°C
material (process-intrusive)	316L *1
material casing	1.4301/1.4305
surface roughness	Ra ≤0,8 *1
sealing	O-Ring EPDM 12x3 75° Shore *2
protection class	III
protection category	IP69K *3
accross flats	AF22
torque	10Nm...20Nm

ambient conditions

application area	liquid and gaseous media/ hygienic applications
storage temperature	+5°C...+70°C
process pressure	0-16 Bar
installation instructions	For mounting in a suitable mounting application / series "hygienic connect"

Miscellaneous

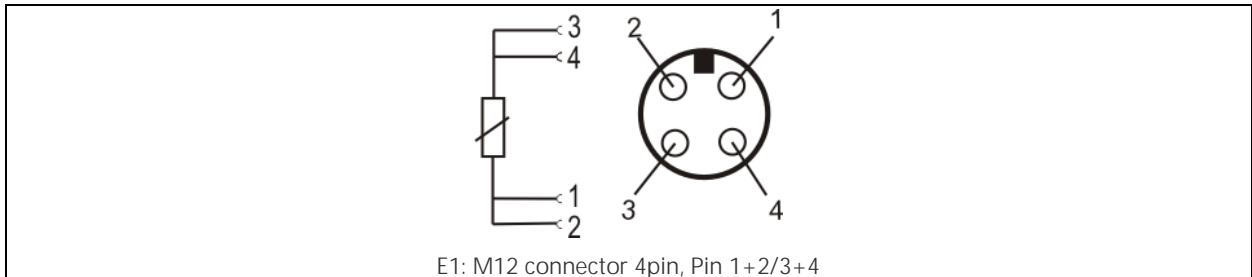
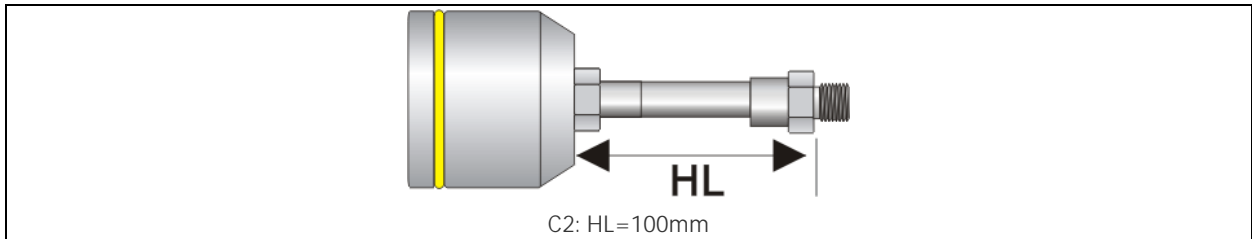
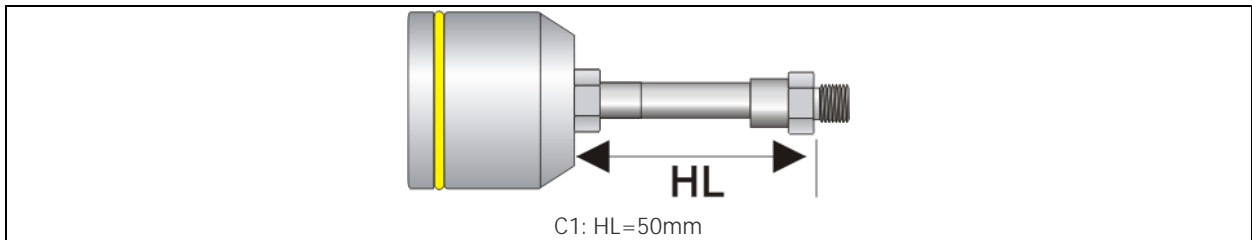
labelling	by labelling on housing
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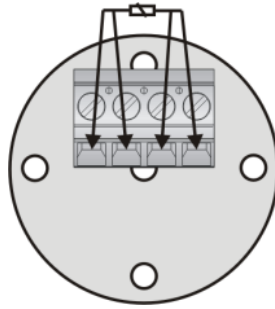


labelling	by engraving of housing, "batch-no"
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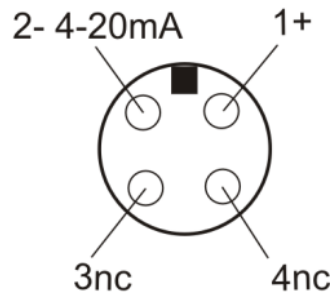
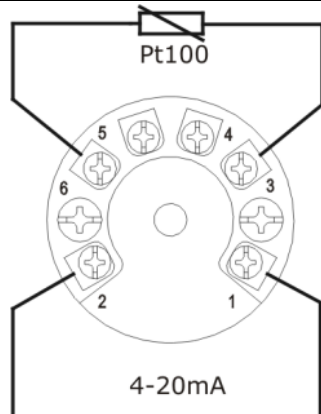
Type key configuration

Pos.:	Physical characteristics	Key	Characteristic
1	installation length "EL"	A0	50mm
		A1	100mm
		A2	150mm
2	tapering	B0	none
		B1	6mm tapered to 3mm (length30mm) *4
		B2	6mm tapered to 4mm (length30mm) *5
3	spacer	C0	no spacer
		C1	HL=50mm
		C2	HL=100mm
4	sensorelement-type	D0	Pt100, tolerance class A according to DIN EN 60751
		D1	Pt100, tolerance class AA according to DIN EN 60751
5	sensor connection	E0	cable gland, PA, M16x1,5, clamping range 4,5-10mm
		E1	M12 connector 4pin, Pin 1+2/3+4
6	transmitter	F0	none - passive sensor
		F1	transmitter Pt100 4-20mA type MU1000





F0: none - passive sensor



F1: transmitter Pt100 4-20mA type MU1000

Existing configurations

Type	Order number	Item number	Old order number
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Remarks

- *1 in contact with product PB
- *2 conform to FDA, USP-class VI
- *3 in combination with fitting mating connector
- *4 response time T05=2sec/T08=4sec
- *5 response time T05=3sec/ T09=6sec

Revision

Version	Effective from	Comment
1.0	08.09.2014 08:41:46	Typenblatt angelegt