

**technical data**

process connection	G1/2" hygienic
measuring range	-50°C...+200°C
response time	T05=4sec/ T09=10sec *1
material (process-intrusive)	316L *2
material casing	1.4301/1.4305
surface roughness	Ra ≤0,8 *2
sealing	O-Ring EPDM 12x3 75° Shore *3
accross flats	AF22
transducer - supply voltage	15V...32V (DC)
transducer - precision	max. ±0,2% from final value
protection category	IP69K *4
transducer - working resistance	max 200Ω at 15V, max 600Ω at 24V, max 900Ω at 32V

**ambient conditions**

application area	liquid and gaseous media/ hygienic applications
max. temperature load of electronics and connector	85°C
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 engraving of housing, "batch-no"
labelling	by labelling on housing

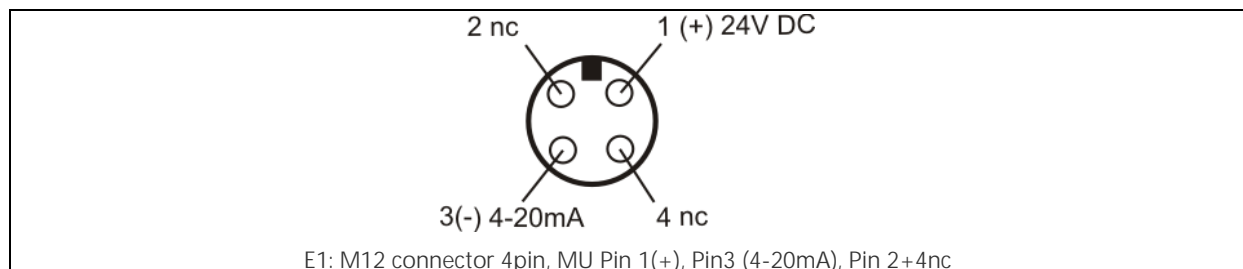
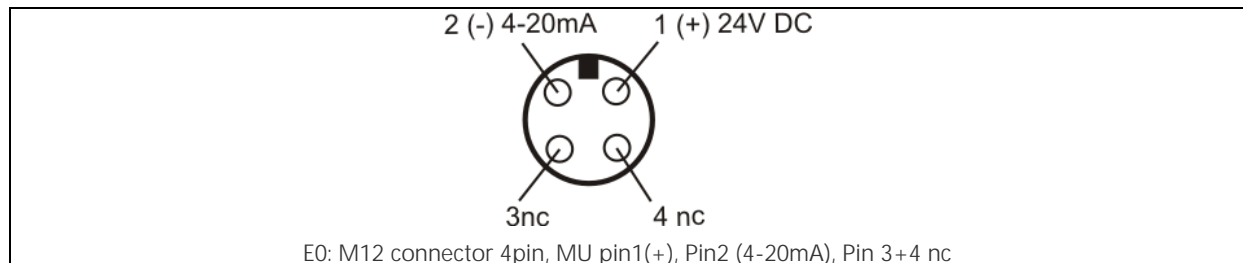


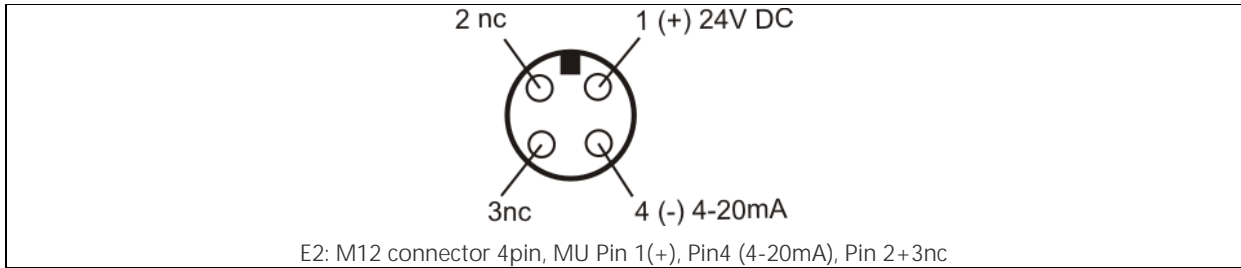

Artikel:800-XXX  
Type: TYPE-XXX

Sontec Sensorbau GmbH - Am Wasserfall 6 -  
D-57368 Lennestadt - www.sontec.de

**Type key configuration**

Pos.:	Physical characteristics	Key	Characteristic
1	installation length "EL"	A0	50mm
		A1	100mm
		A2	150mm
		A3	200mm
		A4	250mm
		A5	300mm
2	tapering	B0	none
		B1	6mm tapered to 3mm (length30mm) *5
		B2	6mm tapered to 4mm (length30mm) *6
3	sensorelement-type	C0	Pt100, tolerance class A according to DIN EN 60751
		C1	Pt100, tolerance class AA according to DIN EN 60751
4	transducer set to range	D0	4...20 mA, 0...100°C
		D1	4...20 mA, 0...150°C
5	sensor connection	E0	M12 connector 4pin, MU pin1(+), Pin2 (4-20mA), Pin 3+4 nc
		E1	M12 connector 4pin, MU Pin 1(+), Pin3 (4-20mA), Pin 2+4nc
		E2	M12 connector 4pin, MU Pin 1(+), Pin4 (4-20mA), Pin 2+3nc





**Existing configurations**

Type	Order number	Item number	Old order number
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**Remarks**

- \*1 measured in water 70°C, flowing water, immersion depth 10xD, or minimum to beginning of across flat
- \*2 in contact with product PB
- \*3 conform to FDA, USP-class VI
- \*4 in combination with fitting mating connector
- \*5 response time T05=2sec/T08=4sec
- \*6 response time T05=3sec/ T09=6sec

**Revision**

Version	Effective from	Comment
1.0	08.09.2014 12:26:26	Typenblatt angelegt