

technical data

process connection	G1/2" hygienic
measuring range	-50°C...+140°C
material (process-intrusive)	PEEK / 316L
material casing	1.4301/1.4305
surface roughness	Ra ≤0,8 *1
protection category	IP69K *2
protection class	III
accross flats	AF22
installation length "EL"	front flush
torque	max 10Nm

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	max 10bar
installation instructions	For mounting in a suitable mounting application / series "hygienic connect"

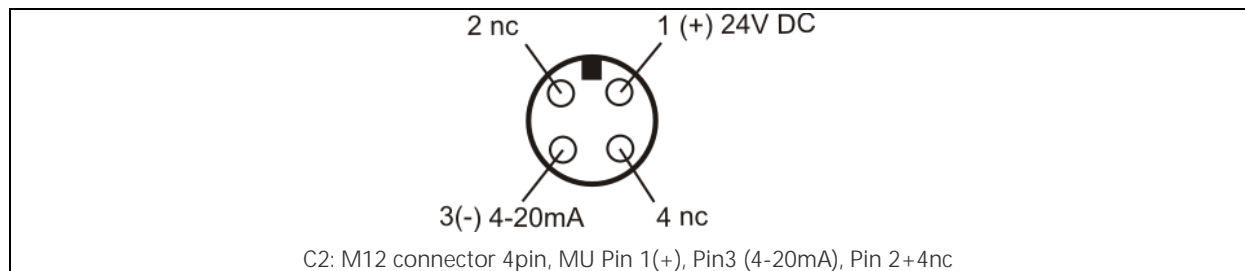
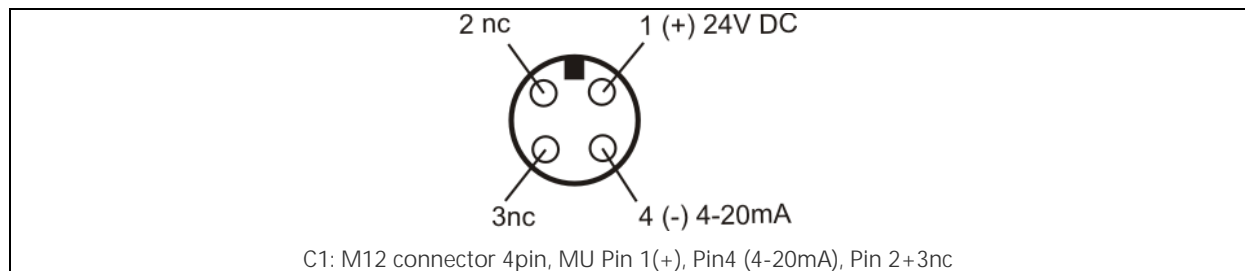
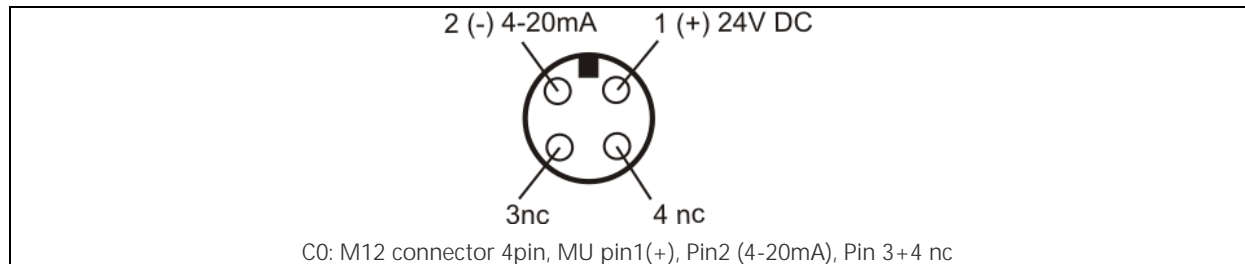
Miscellaneous

labelling	by engraving of housing, "batch-no"
labelling	by labelling on housing

<p>SONTEC CE</p> <p>Artikel: 800-XXX KW/JJ</p> <p>Type: TYPE-XXX</p> <p><small>Sontec Sensorbau GmbH - Am Wasserfall 6 - D-57368 Lennestadt - www.sontec.de</small></p>
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Type key configuration

Pos.:	Physical characteristics	Key	Characteristic
1	sensorelement-type	A0	Pt100, tolerance class A according to DIN EN 60751
		A1	Pt100, tolerance class AA according to DIN EN 60751
2	transducer set to range	B0	4...20 mA, 0...100°C
		B1	4...20 mA, 0...150°C
		B2	4...20 mA, 0...120°C
		B3	4...20 mA, 0...200°C
		B4	4...20 mA, -50...100°C
		B5	4...20 mA, -10...40°C
		B6	4...20 mA, 70...120°C
		B7	4...20 mA, -20...100°C
3	sensor connection	C0	M12 connector 4pin, MU pin1(+), Pin2 (4-20mA), Pin 3+4 nc
		C1	M12 connector 4pin, MU Pin 1(+), Pin4 (4-20mA), Pin 2+3nc
		C2	M12 connector 4pin, MU Pin 1(+), Pin3 (4-20mA), Pin 2+4nc



Existing configurations

Type	Order number	Item number	Old order number
TP1021	<u>TP1021-A0B0C0</u>	800-066	
TP1021	<u>TP1021-A0B0C1</u>	800-034	

Remarks

*1 in contact with product PB

*2 in combination with fitting mating connector

Revision

Version	Effective from	Comment
<u>1.1</u>	16.10.2013 10:34:59	Freigabe PSO16102013
<u>1.0</u>	15.10.2013 11:47:18	Typenblatt angelegt