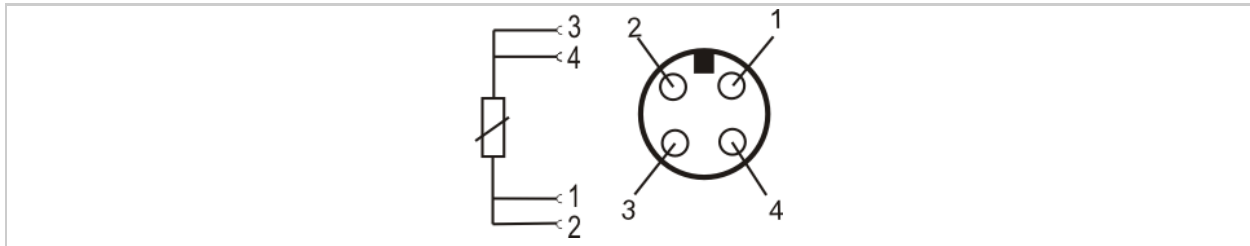


technical data

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
outer diameter tube D	6mm (wall thickness 0.9mm)
sensor connection	M12 connector 4pin, Pin 1+2/3+4



protection category	IP69K *3
---------------------	----------

ambient conditions

application area	liquid and gaseous media
storage temperature	+5°C...+70°C
process pressure	max 16 bar
installation instructions	For mounting in a suitable mounting application

Miscellaneous

labelling	by labelling on housing
-----------	-------------------------



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

Type key configuration

Pos.:	Physical characteristics	Key	Characteristic
1	installation length "EL"	A0	50mm
		A1	100mm
		A2	150mm
		A3	200mm
		A4	300mm
		A5	400mm
		A6	250mm
2	tapering	B0	none
		B1	6mm tapered to 3mm (length30mm) *4
		B2	6mm tapered to 4mm (length30mm) *5
3	sensorelement-type	C0	Pt100, tolerance class A according to DIN EN 60751
		C1	Pt100, tolerance class AA according to DIN EN 60751

Existing configurations

Type	Order number	Item number	Old order number
TSA-7	TSA-7-A0B0C0	800-464	
TSA-7	TSA-7-A6B0C0	800-167	
TSA-7	TSA-7-A2B0C0	800-222	
TSA-7	TSA-7-A1B0C0	800-048	

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 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
<u>1.3</u>	02.10.2013 09:13:11	Update Ø6mm Wandung 0,9mm (JME02102013)
<u>1.2</u>	27.09.2013 16:56:59	Änderung Wert Oberflächenrauigkeit Ra 0,8 in Ra ≤0,8
<u>1.1</u>	12.09.2013 08:19:27	Freigabe PSO 11092013
<u>1.0</u>	21.06.2013 15:03:39	Typenblatt angelegt