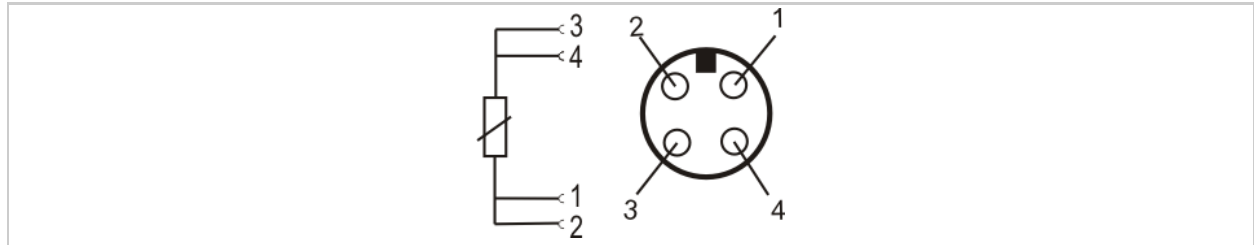


technical data

process connection	G1/2"
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
sensor connection	M12 connector 4pin, Pin 1+2/3+4



protection category	IP69K *3
access flats	AF22

ambient conditions

application area	liquid media/ non hygienic application
storage temperature	+5°C...+70°C
process pressure	0-16 Bar
installation instructions	For mounting in a suitable mounting application

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
		A3	200mm
		A4	250mm
		A5	300mm
		A6	400mm
		A7	500mm
		A8	750mm
		A9	35mm
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
		C2	Pt1000, tolerance class B according to DIN EN 60751

Existing configurations

Type	Order number	Item number	Old order number
TSG-7	TSG-7-A0B0C0	800-044	
TSG-7	TSG-7-A9B0C0	800-368	
TSG-7	TSG-7-A7B0C0	800-253	
TSG-7	TSG-7-A0B0C2	800-648	

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 09:06:51	Zeichnungsupdate JME02102013
<u>1.2</u>	30.09.2013 08:23:06	Schlüssel erweitert A7/A8 JME30092013
<u>1.1</u>	30.09.2013 07:47:42	Freigabe PSO27092013
<u>1.0</u>	24.09.2013 09:13:06	Typenblatt angelegt

