



TECHNICAL DATA

process connection	G3/8"
response time	T05=1,5sec/ T09=3,0sec *1
material (process-intrusive)	1.4404/1.4571 (316L/316Ti)
connection wire (cable-jacket/wire)	silicone/silicone 180°C, 2x0,34mm ² , CuSn *2
protection category	IP67 according to DIN EN 60529
across flats	AF24
insulation resistance	500V DC testing voltage
colour of cable	black/anthracite

AMBIENT CONDITIONS

operating temperature	0°C...+105°C
dew-point-resistance	no

MISCELLANEOUS

labelling	by engraving of housing, "batch-no"
labelling	by labelling on cable "order-no +WW/YY"

TYPE KEY CONFIGURATION

Pos.:	Physical characteristics	Key	Characteristic
1	installation length "EL"	A0	35mm
		A1	50mm
2	sensorelement-type	B0	Pt100, tolerance class B according to DIN EN 60751
		B1	Pt100, tolerance class A according to DIN EN 60751
		B2	Pt1000, tolerance class B according to DIN EN 60751
		B3	Pt1000, tolerance class A according to DIN EN 60751
3	cable length KL	C0	500mm-10+40 *3
		C1	1000mm-50+100 *3
		C2	2000mm-50+100 *3
		C3	2500mm-50+100 *3
		C4	3000mm -50+100 *3
		C5	280mm ±30
4	sensor connection	D0	wire end sleeves grey 0,75mm ²
		D1	wire end sleeves orange 0,5mm ²
		D2	wire ends tinned
		D3	wire end sleeves turquoise 0,34mm ²
		D4	connector molex 39-01-2020, contact 30490-2002

EXISTING CONFIGURATIONS

Type	Order number	Item number	Old order number
TP1051	TP1051-A1B0C4D0	800-758	
TP1051	TP1051-A0B2C5D4	800-763	
TP1051	TP1051-A0B1C3D1	801-026	

REMARKS

*1 measured in water 70°C, 0,04m/sec

*2 halogen-free

*3 stripping length AL=40mm +10-10

We reserve the right to make technical modifications and correction at any time without prior notice!

This version of the data / type sheet is a translation by a partner. We assume no liability for translation errors. If the translation contains errors or ambiguities, the German version of the data / type sheet is to be used.

REVISION

Version	Effective from	Comment
<u>1.0</u>	22.10.2014 07:31:43	Typenblatt angelegt