DWR 6001 Threaded Pt100 with integral transmitter and valve connector

Protectiontube	
Construction	Welded protectiontube, liquid and gas tight
Material	SS 316 - (Wst 1.4401) standard, other materials possible
Insertion length	50mm to 400mm
Diameter	6.0mm standard, other diameters possible
Process connection	1/2"BSP (G1/2") standard, other threads possible
Maximum process pressure	Suitable up to 40 Bar
Connector	
Valve connector	Connector according to DIN EN 175-803 (Hirschmann GSP or equivalent. Max. 70°C at the connector
Ingress protection	IP65
Sensor	
Type	Single Pt100
Measuring range	-30 / +180°C
Measuring current	1mA
Accuracy	According IEC 60751 Class B standard, other tolerances possible
Built-in Transmitter	
Current output (I)	4-20mA output, 2 wire loop powered 1-35Vdc
Voltage output (V)	0-10Vdc voltage output, 15 to 35 Vdc power required
Dimension	+/- 15mm additional length between Hexagon and plug
Testing	
Insulation resistance	Performed with 250Vdc @ 20°C
	>100 MOhm. Transmitter
Options	
Other tolerance	Class A, 1/5, 1/10
High temperature versions	-30 / +600 °C
Extended measuring range	-50 / +260°C

Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

Model	DWR 6001			

Length "L"

Diameter "D"

Proces connection

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