

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
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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"			↑	
Process connection				↑



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