

# DWR 6001 Threaded Pt100 with integral transmitter and valve connector

## Protectiontube

<b>Construction</b>	Welded protectiontube, liquid and gas tight
<b>Material</b>	SS 316 - (Wst 1.4401) standard, other materials possible
<b>Insertion length</b>	50mm to 400mm
<b>Diameter</b>	6.0mm standard, other diameters possible
<b>Process connection</b>	1/2"BSP (G1/2") standard, other threads possible
<b>Maximum process pressure</b>	Suitable up to 40 Bar

## Connector

<b>Valve connector</b>	Connector according to DIN EN 175-803 (Hirschmann GSP or equivalent. Max. 70°C at the connector)
<b>Ingress protection</b>	IP65

## Sensor

<b>Type</b>	Single Pt100
<b>Measuring range</b>	-30 / +180°C
<b>Measuring current</b>	1mA
<b>Accuracy</b>	According IEC 60751 Class B standard, other tolerances possible

## Built-in Transmitter

<b>Current output (I)</b>	4-20mA output, 2 wire loop powered 1-35Vdc
<b>Voltage output (V)</b>	0-10Vdc voltage output, 15 to 35 Vdc power required
<b>Dimension</b>	+/- 15mm additional length between Hexagon and plug

## Testing

<b>Insulation resistance</b>	Performed with 250Vdc @ 20°C >100 MOhm. Transmitter
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## Options

<b>Other tolerance</b>	Class A, 1/5, 1/10
<b>High temperature versions</b>	-30 / +600 °C
<b>Extended measuring range</b>	-50 / +260°C



## Ordering code

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

