

DPI - 0-0.6, 0-1.6, 0-2.5, 0-4.0, 0-6.0, 0-10

➤ **Grundfos Direct Sensors™ introduces the DPI for a variety of industrial applications.**

The Grundfos differential pressure sensor is a true wet/wet solution, available in the differential pressure ranges of 0.6-10 bar.

The Grundfos sensors have been developed for the intended use of controlling pumps by means of the differential pressure between pump suction and discharge. However, the sensor is also ideal for surveillance, preventive maintenance and measuring of pressure drops across an orifice plate in harsh environments with corrosive gasses and liquid media.

The Grundfos DPI range is ideal for a wide range of applications and especially within filter plants, cooling and chiller circuits, pipeline systems water and wastewater systems.

Applications

- Pumps
- Filters
- Cooling & Chiller Systems
- Pipeline Systems
- Water and Wastewater Management Systems

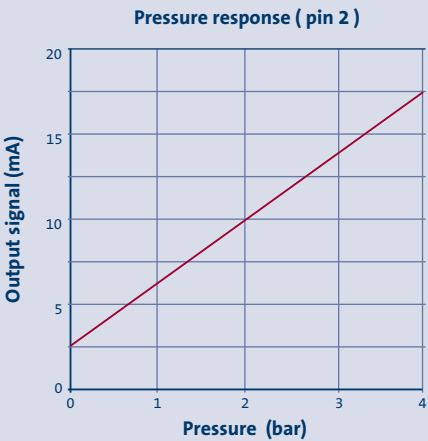
Benefits

- Surveillance
- Protective Maintenance
- Process Control



Technical Data

Sensor specification	
Measuring range	Differential pressure 0-0.6, 0-1, 0-1.6, 0-2.5, 0-4, 0-6 and 0-10 bar
Burst /Rupture pressure	25 bar
Accuracy	2.5% BFSL
Response time	< 0.5 Sec.
Media Temperature range	– 10 - +70 °C
Storage temperature	– 40 - +80 °C
Humidity	95% RH
Vibration test	IEC 86-2-698.2
Drop test	ISO 2248
Electrical relation	EN 60335-1
Emission / Immunity	EN 61800-3
Electrical Interface:	
Supply	12 – 30v, load 24v- 500 ohm, load 16v- 200 ohm, load 12v- 100 ohm
Output Signal	4 - 20 mA , 3 wire
Cable	3 wire 0.5m
Mechanical connection	7/16" UNF W. 1.4305
High Pressure side marked	P 1
Low pressure side marked	P 2
O-ring sealing	FKM
Wetted Parts	W.1.4305
Protection	IP 55
Top	Composite PA
Connection kit	1/2" BSP Aisi 316 connector is available
Cable kit	3 m is available
Mounting kit	Bracket for wall mounting is available



Visit www.grundfos.com/directsensors
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