

XKP1290 CONNECTOR

1 MPa pressure sensor

Description

Gauge amplified pressure sensor.

Particularly suited for use in the harsh automotive environment.

The kit includes a mating part connector.

Main Features

- Compatible with most fluids in automotive environment
- Fast response time

Benefits

- Small size
- High output
- High reliability



Typical Applications

Oil pressure

Fuel pressure

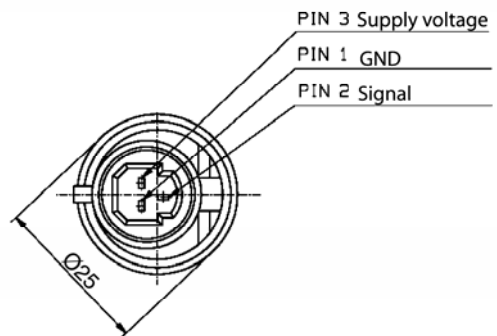
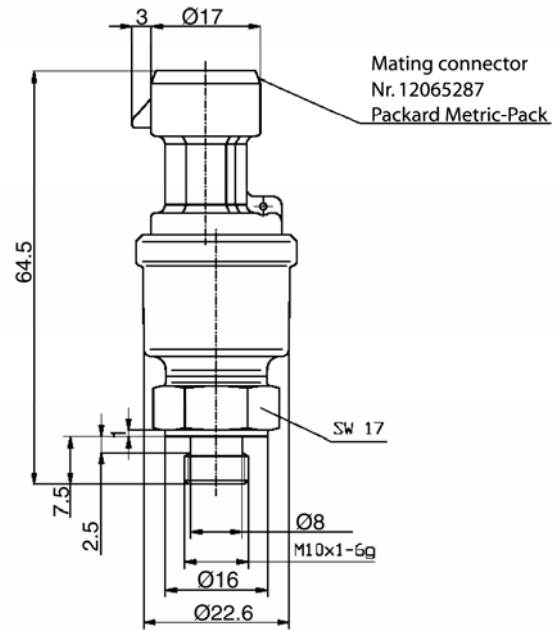
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Technical Characteristics

Power supply	5	V
Supply current.....	< 15	mA
Null offset.....	0.5	V
Full scale output (@ Nominal Pressure).....	4.5	V
Nominal pressure.....	1	MPa
Operating temperature range.....	-40 to 140	°C
Response time.....	< 2	ms
Accuracy (f.s.o. and Null offset)		
@ -40 °C to 0 °C.....	max. ± 3	% f.s.o.
@ 0 °C to 90 °C.....	max. ± 1.5	% f.s.o.
@ 90 °C to 125 °C.....	max. ± 3	% f.s.o.
Burst Pressure	3 x Nominal Pressure	
Vibrations range tested		
@ 147 Hz to 1000 Hz.....	30	g
@ 1000 Hz to 2000 Hz.....	20	g
Protection class.....	IP 67	
Weight (approx.)	47	g

Dimensions



Dimensions in millimetres

For further information, please contact:



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November 2007
 rel. 03
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