

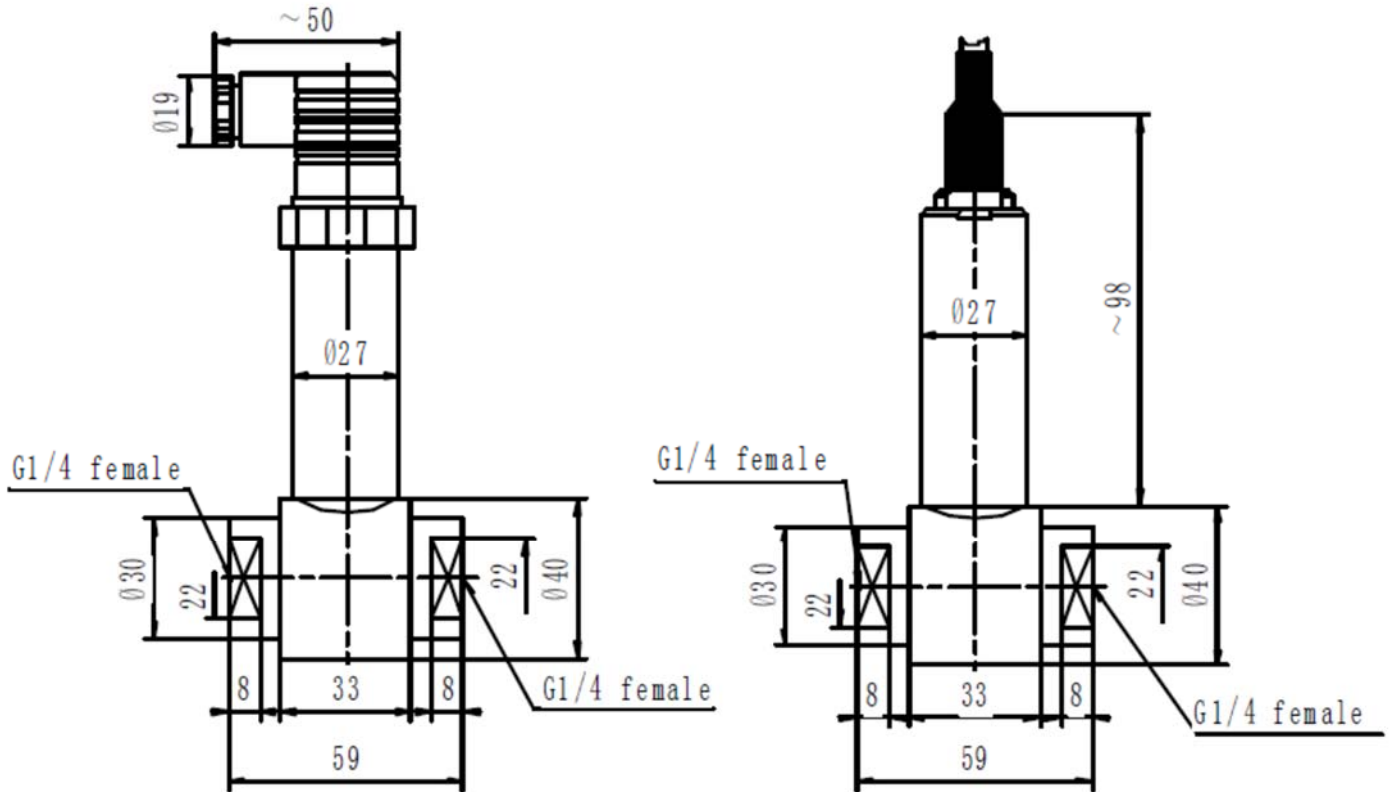
DM-INT-800

- Piezoresistive differential sensor
- Zero and Span adjustable
- OEM Applications
- mA and V output
- Line pressure up to 200 bar



Pressure Range (bar):	0,35; 0,7; 1; 2; 3,5; 7; 10; 20; 35 (other available on request)
Form:	Differential pressure
Accuracy (NLHR, calculated as per BFSL):	±0,5% FS max. (±0,25% FS typ.)
Overpressure (positiv side):	2x FS
Overpressur (negativ Side):	1x FS (max. 10 bar)
Line pressure:	<200 bar
Media compatible material:	Stainless steel and Viton
Housing material:	Stainless steel
Power supply:	15-28VDC (for 4-20mA) 15-28VDC (for 0-10V o. 0-20mA o. 0-1V o. 0-5V)
Output:	4-20mA (2-wire) 0-5V o. 0-10V o. 1-5V o. 0-20mA o. 0-10mA (3-wire)
Load Resistor:	mA output – see diagram V output: >5kΩ
Long term stability:	0,2%FS per year (0,5%FS per year for ranges <2 bar)
Operating temperature range:	-10°C to +80°C
Compensated temperature range:	0°C to +50°C
Storage temperature range:	-40°C to +120°C
Zero thermal error:	±0,75%FS max. at 25°C (±1,25%FS max. at 25°C for ranges <1 bar)
Span thermal error:	±0,75%FS max. at 25°C (±1,25%FS max. at 25°C for ranges <1 bar)
Static pressure effect:	0,05%FS per 1 bar
Electrical connections:	1,5 m PUR – cable (7,2mm diameter) DIN connector
Mechanical connections:	G1/4 female (other availabel on request)
Response time:	<1ms
Shock:	<1% at 3g (30-2000Hz)
Impact:	<1% at 100g (10ms)

Dimensions in mm



Connector / Cable Wiring:

Connector	2-wire	3-wire	Cable
Pin 1	+Supply	+Supply	Red
Pin 2	-Supply	Ground	Black
Pin 3	Not connected	+Output	White

Load Resistor:

