

- Digital Output
- High noise immunity
- Pressure range 0 to 4.9kPa
- Current consumption 100mA ± 5% at output 3VDC
- Operating temperature range -10°C to 60°C
- Protection Structure IP40



## Characteristics

Model	D8M-D82
Pressure Type	Gauge
Pressure range	0 to 4.9kPa (0 to 0.71 psi)
Withstand pressure	19.6 kPa for 5 minutes
Repeatability/hysteresis	± 5% FS
Non-linearity characteristics	±2% FS max
Response time	1.5 ms (pressure) 30 ms max. (switch) 45 ms (discharge)
Operating temperature	-10°C to 60°C (with no icing or condensation)
Storage temperature	-20°C to 70°C (with no icing or condensation)
Operating humidity	25 to 95%
Degree of protection	IP40
Pressure port	6mm OD
Connection method	Three AWG26 wires, 115mm long
Material	PBT (polybutylene terephthalate)

## Ratings

Power supply voltage	2.2 to 3.4 VDC with regulator
Current consumption	100mA ±5% at 3VDC
Leakage current	1 mA or less
Output resolution	1 pulse/9.81 Pa
Operating characteristics	0 kPa = 30 pulses 0.15 kPa = 45 ±30 pulses 2 kPa = 204 ±15 pulses 4 kPa = 436 ±46 pulses

## Heading?

T1: Pressure measurement time	1.5ms min.
T2: Response time	30ms max.
T3: Electrical discharge time	45ms min.

Dimensions

