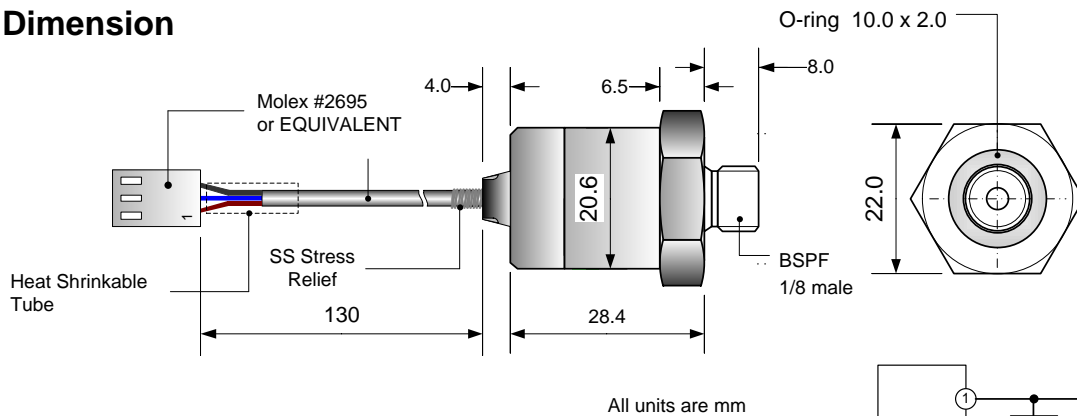


Characteristics

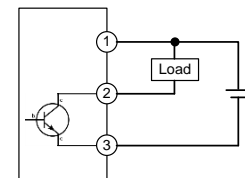
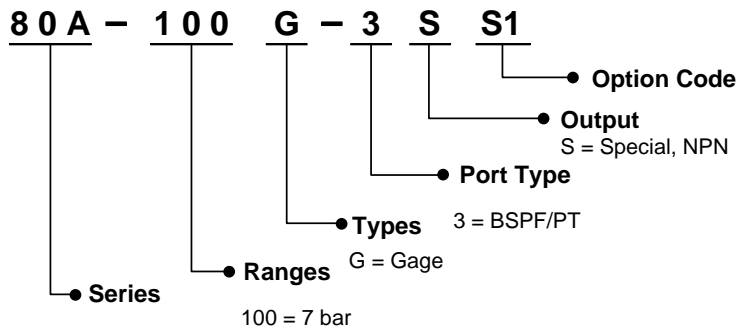
Unless otherwise specified, all parameters are measured at 25 °C, 60%RH and excitation of 24 Vdc

Parameters	Specifications
Supply	12 to 24 Vdc, $V_{p-p} < 5\%$
Pressure Range	0 to 7 bar
Switch Output	npn, 100mA@24V
Threshold/Hysteresis	1.25 bar / 0.25 bar
Operating Temperature	-20 to 105 °C
Compensated Temperature	0 to 50 °C
Proof Pressure	21 bar max.
Burst Pressure	35 bar max.
Response time	25 ms Typ.
Vibration Sensitivity	<0.05%FS/g @ 20g peak sinusoidal, 10 – 2K Hz
Sensor Type	Silicon Piezoresistive, oil-filled
Wetted Parts	Nickel, SS#316 & FKM
Pressure Port	BSPF 1/8 male w/O-ring groove
Electrical Connections	120mm 3-conductor AWG#26 PU cable
Weight	100 g

Dimension



Ordering Information



Connection Diagram

Pin #	Description
1	V _{DD}
2	Output
3	V _{SS}

smp2k
08-18 R1

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