

GENERAL

FLUID : air or neutral gas, filtered, not lubricated, free of condensate
 CONNECTION : G1/8
 PRESSURE RANGE : 0 to 10 bar
 MAX. OVERPRESSURE : 15 bar
 OPERATING TEMPERATURE : 0°C, +50°C
 ELECTRICAL CONNECTION : 4-pin M8 connector
 SUPPLY VOLTAGE : 10,8 to 30 V dc, max. ripple 10%, reverse voltage protection
 CONSUMPTION : < 5mA
 VOLTAGE SPIKE : 350 V Peak, 1µs
 ACCURACY : +/- 100 mbar (1% of full range)
 DIGITAL DISPLAY : 3-digit - 7 segments - display frequency : 5 Hz
 UNITS OF MEASURE : bar - psi - MPa - kgf/cm²
 OUTPUTS : 2 PNP transistors - individually selectable NO or NC, max. 125mA, 30V, with overcurrent protection, status indication by LED

2 OUTPUT MODES

- hysteresis 0 to 100 % of full range
 - window comparator: 2 limit values adjustable over full range

RESPONSE TIME

PROTECTION DEGREE : IP65 with venting tube connection
 VIBRATION RESISTANCE : 10 to 55 Hz, 1.5 mm, XYZ, 2 hours
 SHOCK RESISTANCE : 10 G, XYZ

CARACTERISTICS

Recording of peak value and bottom value
 Lockout feature

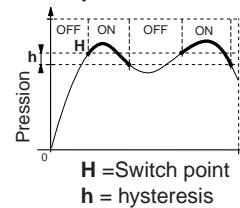
CONSTRUCTION

Polycarbonate body (PC)
 Nitrile (NBR) sealings

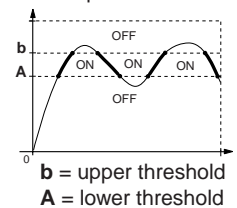


OPERATING

Hysteresis mode

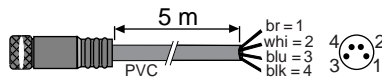


Comparator mode



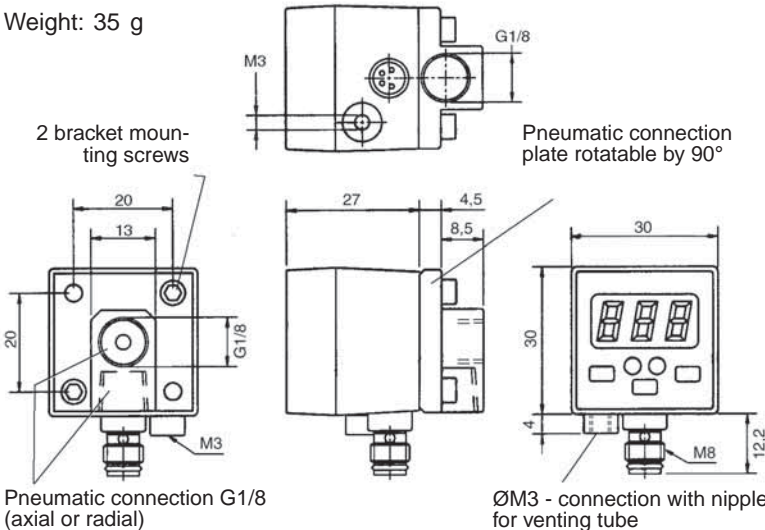
SPECIFICATIONS

description	catalogue number
electronic pressure switch with digital display adjustable from 0 to 10 bar, pneumatic connection G1/8 (delivered with 2 brackets, 1 nipple, 1 plug G1/8)	34900047
panel mounting kit for electronic pressure switch	88100683
straight female connector Ø M8, 4 wires, IP65, with 5 m PVC lead (other end plain)	88157771



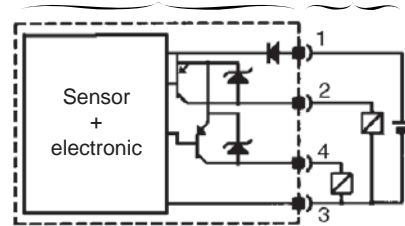
DIMENSIONS AND WEIGHT

Weight: 35 g



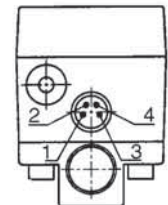
ELECTRICAL DIAGRAM

Pressure switch User connection

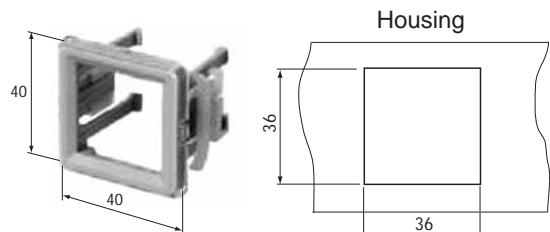


ELECTRICAL CONNECTION

- 1 = V + (DC power supply)
- 2 = PNP output 2
- 3 = V - (DC power supply)
- 4 = PNP output 1

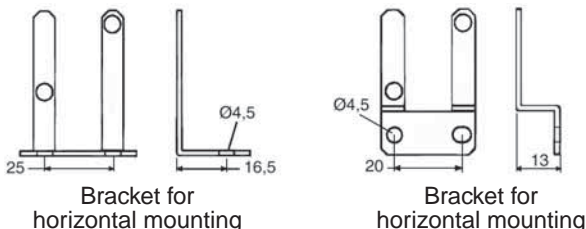


PANEL MOUNTING KIT



ACCESSORIES

BRACKET MOUNTING



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