

Compact Pressure Switch SQ Series SQ27

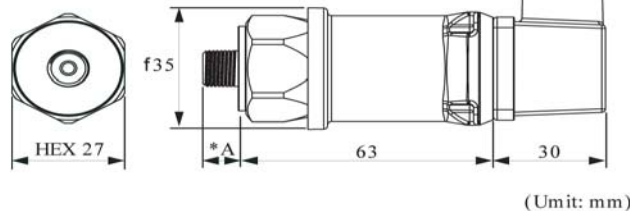
Picture



CE

Product Dimensions

SQ27 DIN



*A 9mm: M10*1taper, M10 G1/4", PT1/4", NPT 1/8"
12mm: M12*1.5 G1/4", PT1/4", NPT 1/4"

Features

- Gold or Silver Contacts
- Leads with Connector Fittings
- Fixed or Adjustable Pressure Range
- Robust in Severe Applications

Applications Include

- Automotive Industry
- Hydraulic & Pneumatic industry
- Over Pressure Safety Cut Out
- Air Compressor control

SPECIFICATION

Hex Length	27mm
Body Material	Zinc Plated Steel, 316SS, Brass
Terminal Variations	Push on Cap / Screw / Spade Terminal
Contact Rating	4A 42Volts DC / 4A 230Volts AC
Maximum Voltage Peak	1.5 KV
Electric Insulation	100MΩ (IEC60092-54 Section 3)
Operational Temperature	-10°C ~ 100°C (IEC600)
Membrane Materials	NBR (standard) VITON EPDM
Pressure Acting Variation	±5% full set point @ 20°C
Ingress Protection	IP67 (IEC 60529)
Body Protection	IP00 (IEC 60529)
Contact Model	Normally Open or Normally Closed
Screw Torque	<0.35 Nm
Shock Resistance	ISO/IEC 17025, Sine wave 5-200Hz, Acc 10G Disp 16m
Mechanical Life	1,500.000 Cycles < 50Bar
CE Approved when fitted with dust cap	Response Frequency 2Hz

FORM AE043 ISS.2



ISO 9001:2000
Reg. No FM 21080

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

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SQ27 Series Order information

Example SQ27B-SNC-7A2

Pressure switch	SQ Series
Hex length	24mm 27mm
Body material	B = Brass S = Stainless Steel grade 316 Z = Zinc plated steel
Contact type	A = Normally open contacts B = Normally closed contacts S = Single pole double throw (SQ 27 only)
Diaphragm material	N = Nitrile (standard) V = VITON E = EPDM (ethylene propylene diene Monomer)
Connection fitting	S = Screw terminals T = Tag (spade terminal) C = DIN Cap
Screw thread	1 = M10X1 (tap 1°) 2 = M10X1 3 = M12X1.5 4 = 1/8" PT 5 = 1/4" PT 6 = 1/8" G 7 = 1/4" G 8 = 1/8" NPT 9 = 1/4" NPT
Pressure rating fixed	F1 = 0.2 Bar F2 = 1.1 Bar F3 = 5 Bar F4 = 50 Bar
Adjustable	A1 = 0.2-1 Bar A2 = 1-19 Bar A3 = 20-50 Bar A4 = 51-100 Bar
Optional Socket Type	D = DT04-2P A = 250 Type
Socket wiring	1 = 3mm PVC (2P)
Add (XX) to end	2 = 3mm PVC (2P) with wrap up sheath 3 = 6.4mm PE Cable 4 = 3mm PVC (2P) with heat shrink sheath

Cap only part numbers
SQA-1130

Compact Pressure Switch SQ Series

Please contact us if you require specific wiring or connectors fitted.

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