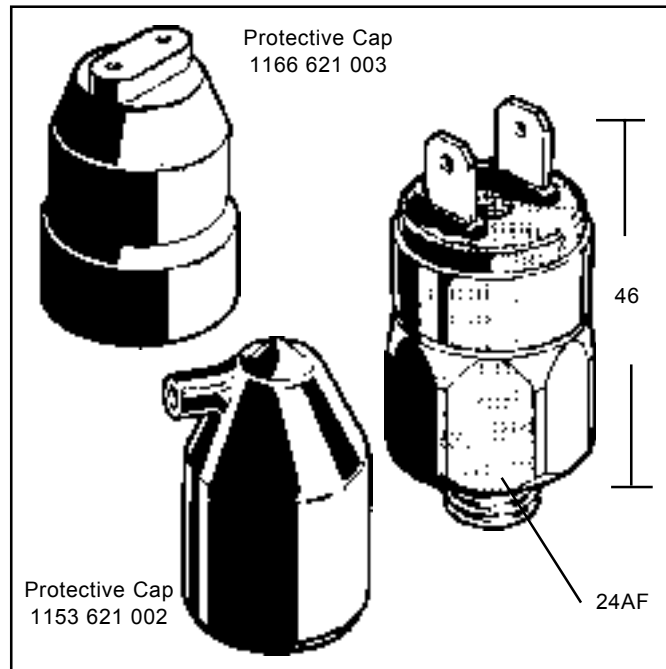


Pressure switch**0166 & 0169****FEATURES**

- User adjustable or factory pre-set
- 0,1 to 150 bar range
- Over-pressure proof up to 600 bar
- N/O or N/C contacts
- 1/4" push-on terminals
- Ideal for hydraulics & pneumatics

OPTIONS

- M10 x 1T, M12 x 1.5 metric threads
- 1/8" NPT thread
- Nitrile, EPDM or Viton seals
- Brass body (up to 20 bar max only)
- Protective caps



Switch electrical rating	42V max/100VA	Maximum operations	200/minute
Protection	(IP65) Terminals IP00	Mechanical life	1,000,000 operations
Temperature range ¹	-30°C to +120°C	Body material	Steel (zinc plated)

¹ According to diaphragm or piston seal material

?	Insert Number of Diaphragm or Piston seal material	1 = NBR (Nitrile)	Hydraulic oil, engine oil, heating oil, turpentine, air.
		2 = EPDM ³	Water, hydrogen, seawater, acetylene, ozone, oxygen ² , brakefluid.
		3 = FKM (Viton)	Hydraulic fluid (i.e. HFA, HFB, HFC & HFD) gasoline

² Please call PVL with regards to use with Oxygen

³ Ethylenepropylene

Diaphragm Models

Normally Open Contacts	Normally Closed Contacts	Thread Type	Adjustment range - bar	Tolerance in bar at room temp.	Max pressure
0166 403 03 ? 011	0166 404 03 ? 015	1/4" BSP	0.1 - 1 bar	±0.2 bar	300 bar (600 bar optional)
0166 407 03 ? 027	0166 408 03 ? 031	1/4" BSP	1 - 10 bar	±0.5 bar	
0166 411 03 ? 043	0166 412 03 ? 047	1/4" BSP	10 - 20 bar	±1.0 bar	
0166 415 03 ? 059	0166 416 03 ? 063	1/4" BSP	20 - 50 bar	± 2.0 bar	

Piston Model

(Switches with piston seals are not recommended for use with gases)

0169 419 03 ? 011	0169 420 03 ? 015	1/4" BSP	50 - 150 bar	± 5 bar	
-------------------	-------------------	----------	--------------	---------	--

PRESSURE-VACUUM-LEVEL LTD

Unit 9, Lexden Lodge Industrial Estate, Jarvis Brook, Crowborough, East Sussex, TN6 2NQ U.K.

Tel: +44(0)1892 66 44 99 Fax: +44(0)1892 66 36 90

Web: www.pvl.co.uk Email: info@pvl.co.uk

