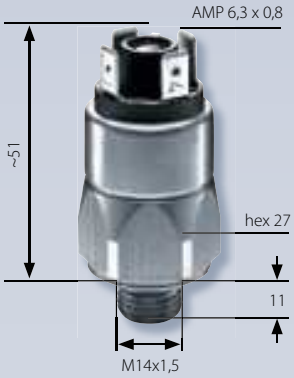
M.4
hex 27

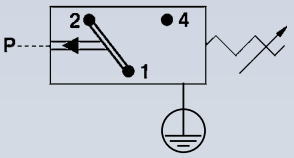
0183

Piston pressure switches up to 250 V

- Zinc-plated steel (CrVI-free)
- Changeover with silver contacts
- Overpressure safety up to 600 bar[1], Hysteresis adjustable at factory
- Adjustment range: 100 – 400 bar
- Height only 51 mm

Thread similar to ISO 6149-3
(including O-ring for sealing)





p_{max} in bar	Adjustment range in bar	Tolerance at room temperature in bar	Male thread	Order number

0183 Piston pressure switches with spade terminal

600[1]	100 - 300	± 10.0	M14x1.5 DIN 6149-3	0183 - 462 45 - X - 051
	200 - 400			0183 - 463 45 - X - 061

Seal material – Application areas

NBR	Hydraulic/machine oil, heating oil, air, nitrogen, etc.	1
EPDM	Brake fluid, hydrogen, oxygen, acetylene, etc.	2
FKM	Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline, etc.	3
HNBR	Hydraulic/machine oil, ester-based bio-oils	9

Refer to page 53 for the temperature range and application thresholds of sealing materials.

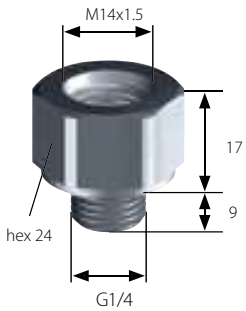
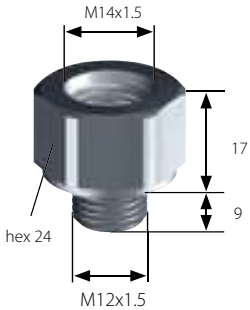
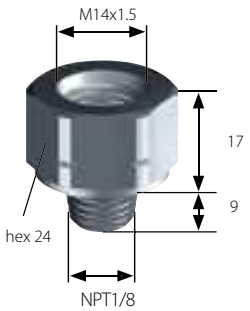
Your order number:	0183 – 46X 45 – X – XXX

[1] Static value. Dynamic value is 30-50 % lower. Values pertain to the hydraulic/pneumatic part of the pressure switch.

Accessory

Not included in the delivery.
Please order separately.

Thread adapters

from M14 x 1.5		
to **G1/4**	to **M12 x 1.5**	to **NPT1/8**
		
Order number		
1-1-83-420-006	**1-1-83-420-007**	**1-1-83-420-008**