

Target group

Experienced electricians as defined by the operating safety ordinance and properly instructed personnel.

Service

The pressure switches are maintenance-free.

Related documents

9R5 data sheet

www.trafag.com/H72370



Type label description

Serial number Manufacturing date (W/Y)

Type code S/N YYYYYYYY-ZZZ | 08/21

Switching point range Type 9R5.3AXX.B10

Operating range SP Range: -0.8...2 bar *

Pin assignment OP Range: -1...14 bar | p-max. 14 bar

 C(1) NC(2) NO(3) | IP65/IP67 | Temp: -40 ... 85°C

 250V AC 6A | 110V DC 0.4 (0,2) A | 24V DC 6(5)A

 Ingress Protection

SP Fixed: 6.5 bar incr.

* Alternative indication for a fixed switching point according to customer requirements

Max. overpressure

Operating temperature

Switching rating

Microswitch ratings

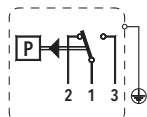
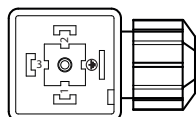
Type	Features	Rating Resistive Load (Inductive Load)			
		AC		DC	
3A (Standard)	Silver contacts	250 V	6 (1.5) A	220 V	0.2 (0.1) A
		220 V	6 (1.5) A	110 V	0.4 (0.2) A
		110 V	6 (2) A	48 V	2 (0.75) A
		48 V	6 (2) A	24 V	6 (2) A
		24 V	6 (2) A	12 V	6 (6) A
		min. 10 V	min. 0.1 A	min. 10 V	min. 0.1 A
8A	Gold plated contacts	250 V	6 (1) A	220 V	0.2 (0.1) A
		220 V	6 (1) A	110 V	0.4 (0.2) A
		110 V	6 (1) A	48 V	2 (0.75) A
		48 V	6 (1.5) A	24 V	6 (2) A
		24 V	6 (2) A	min. 4 V	min. 1 mA
		min. 4 V	min. 1 mA		

Electrical connections

Conductor size range:

Minimum 0.75 mm² - Maximum 1.5 mm²

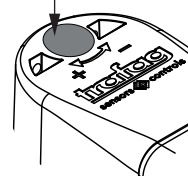
Terminal tightening torque: 0.4 Nm



Manipulation protection

Manipulation protection with seal sticker.

Do not remove.

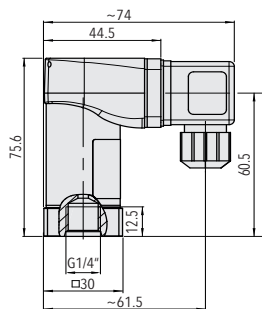


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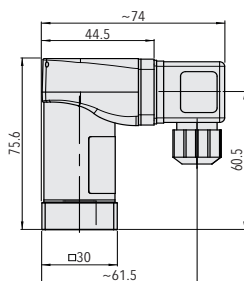
EN175301-803-A

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Dimensions



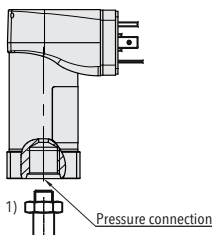
9R5.XXXX.XXX.04.XX.XX



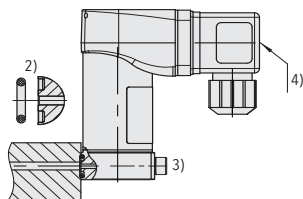
9R5.XXXX.XXX.11.XX.XX

Mounting / installation

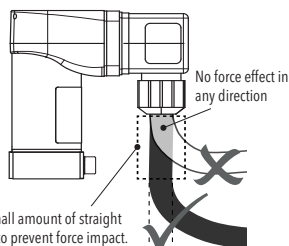
Axial pressure connection



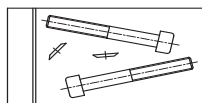
Flange pressure connection



Cabling / cable run



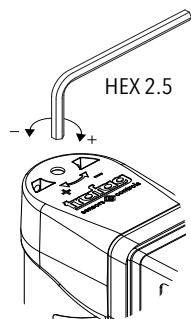
- 1) Torque: G 1/4": MA = 32 ... 40 Nm
- 2) O-ring: $\varnothing$ 6.75 x 1.78
- 3) Fastening screw: M5 x 40
Property class: V2: steel stainless A4-70
V3: steel galvanised, grade 8.8
- Mounting torque: 4.5 ... 6 Nm
- 4) Torque connector center screw: max. 0.6 Nm



M5x40 ISO4762

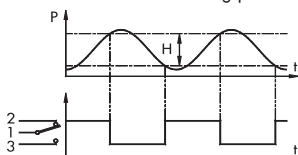
9R5.XXXX.XXX.XX.VX

Switching point adjustment



- + : increase of the switching point (cw)
- : reduction of the switching point (ccw)

H : The Hysteresis depends on the set switching point.



Attention

