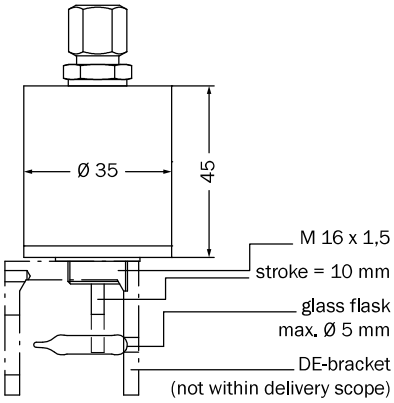
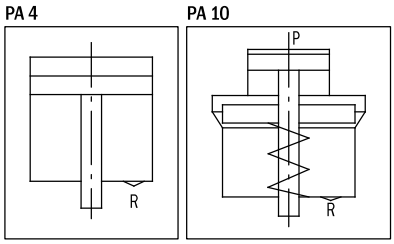
Pneumatic release cylinder PA 4 / PA 10





Short description

When the minimum switching pressure is reached, the glass bulb is broken while the TAG is actuated.

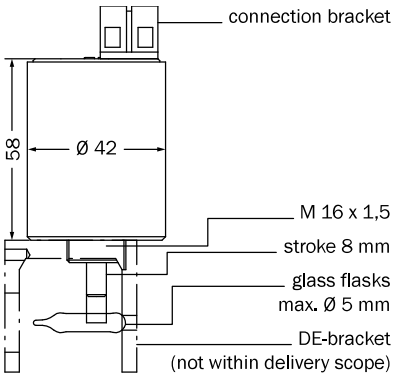
Particular for PA 4
After this function the piston rod is manually slid back to the start position.

Particular for PA 10
When the pressure is removed, the integrated compression spring slides the piston rod back to the start position.

Technical data

(Order designation→)	PA4	PA10
medium	1. filtered dry and non-greased compressed air 2. CO_2	s. PA4
operating pressure	max. 60 bar	s. PA4
test pressure	90 bar	s. PA4
minimum switch pressure	4 bar	11 bar
not triggering until	3 bar	9 bar
flask diameter	30 mm	s. PA4
ambient temperature	-20 °C to +110 °C	s. PA4
materials	aluminum, niro, Perbunan sealings	s. PA4
maintenance	be canceled (until visual check for rust on piston rod exit)	s. PA4
VdS 2159	G 591015	s. PA4

Electric actuation TM ___ Volt



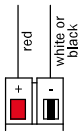
Short description

When the magnet is activated the glass bulb will be broken and the TAG is actuated.

Technical data

(Order designation)	TM ___ Volt	
DC voltage	nominal voltage 12 V, 24 V, 48 V (-15%/+10%)	
Voltage	**Power / quiescent current**	**Power / Impulse current**
12 V	1,6 W	3,5 W
24 V	1,6 W	3,5 W
48 V	1,6 W	3,5 W
ambient temperature	-20 °C to +110 °C	
max. duty cycle	100 % ED	

Pulse current DC 12 V /24 V / 48 V

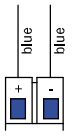


Pay attention to the polarity!

Note

The power supply is switched on to activate the pulse current release.

Quiescent current DC 24 V / 48 V



Any polarity!

The power supply is switched off to activate the quiescent current release.