chanhvinh.com

Pressure indicator OH



chanhvinh.com

Characteristics

At a glance

Pressure indicator OH-8:
Function: The pressure effect on a piston in the drive section moves a thin-walled cylinder made of coloured, translucent material from its normal position into a narrow annular gap into the front space provided with a reflector (total stroke: 4 mm). As a result, the entire space inside the sight cap appears coloured both from the front and from the side.
Mounting: in through hole Ø 8.2 mm (max. front panel thickness: 4.5 mm)

Pressure indicator OH-10:
Function: The visual display shows the air pressure. A spring-loaded piston is moved so that it is clearly visible at the front.
Mounting: panel mounting in Ø 10.5 mm

Pressure indicator OH-22:
Function: The visual indicator responds when there is a pressure of more than 1.5 bar in a line. It is suitable for checking and displaying the operating status. When activated, a coloured sleeve protrudes in the sight cap, which is clearly visible from all sides thanks to a built-in mirror surface.
Mounting: front panel mounting in Ø 22.5 mm

Pressure indicator plate OH-2N-PK-3:
Function: The display plate has 16 pressure indicators. If there is a pressure of more than 1 bar in the respective port, the corresponding indicator pointer 3 mm becomes visible.
Mounting: mounting frame for in-line mounting and control cabinet installation

chanhvinh.com

Type code

001	Series	
OH	Pressure indication	

002	Indicator colour	
BK	Black	
BU	Blue	
GN	Green	
RD	Red	
YW	Yellow	

chanhvinh.com

Datasheet

Technical data – Pressure indicator OH-8



Pneumatic connection	Barbed fitting PK-3
Operating pressure	-0.1 ... 0.8 MPa
Operating pressure	-1 ... 8 bar
Operating pressure	-14.5 ... 116 psi
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Ambient temperature	-10 ... 60°C
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L

Technical data – Pressure indicator OH-10



Pneumatic connection	Barbed fitting PK-3
Operating pressure	0.14 ... 0.8 MPa
Operating pressure	1.4 ... 8 bar
Operating pressure	20.3 ... 116 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Ambient temperature	-10 ... 80°C
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L

Technical data – Pressure indicator OH-22



Pneumatic connection	G1/8
Operating pressure	1.4 ... 8 bar
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Ambient temperature	-10 ... 45°C
Media temperature	-10 ... 45°C
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L

chanhvinh.com

Datasheet

Technical data – Pressure indicator plate OH-2N-PK-3

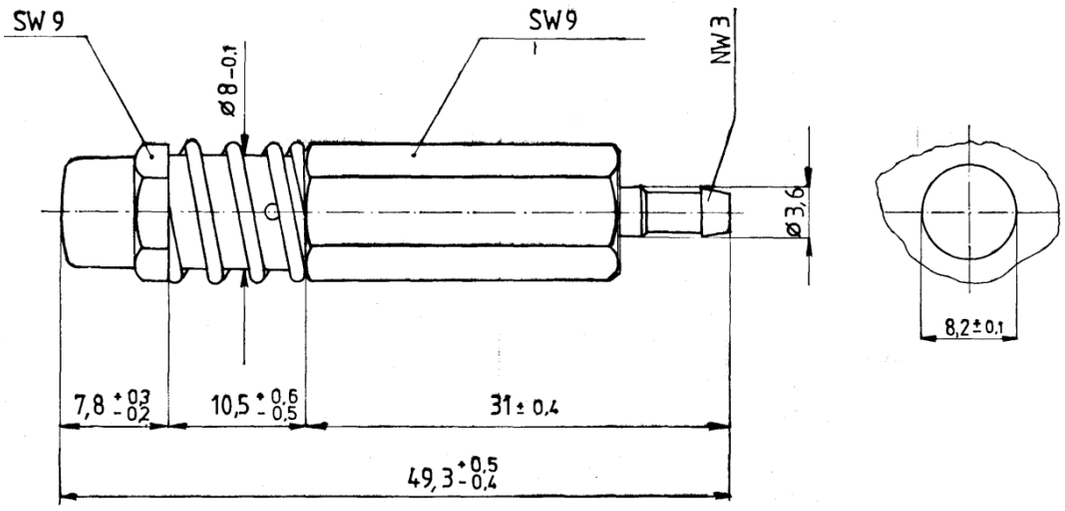


Pneumatic connection	Barbed fitting PK-3
LABS (PWIS) conformity	VDMA24364-B1/B2-L

chanhvinh.com

Dimensions

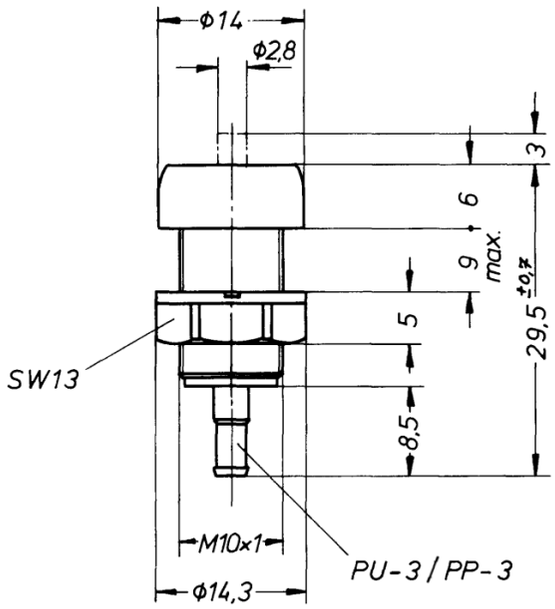
Dimensions – Pressure indicator OH-8 Download CAD data www.festo.com



chanhvinh.com

Dimensions

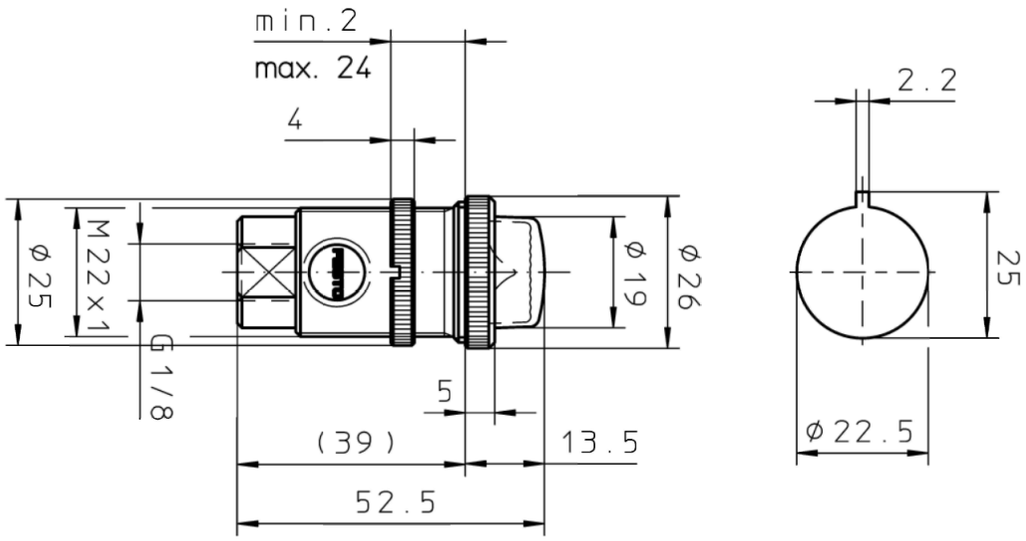
Dimensions – Pressure indicator OH-10 Download CAD data www.festo.com



chanhvinh.com

Dimensions

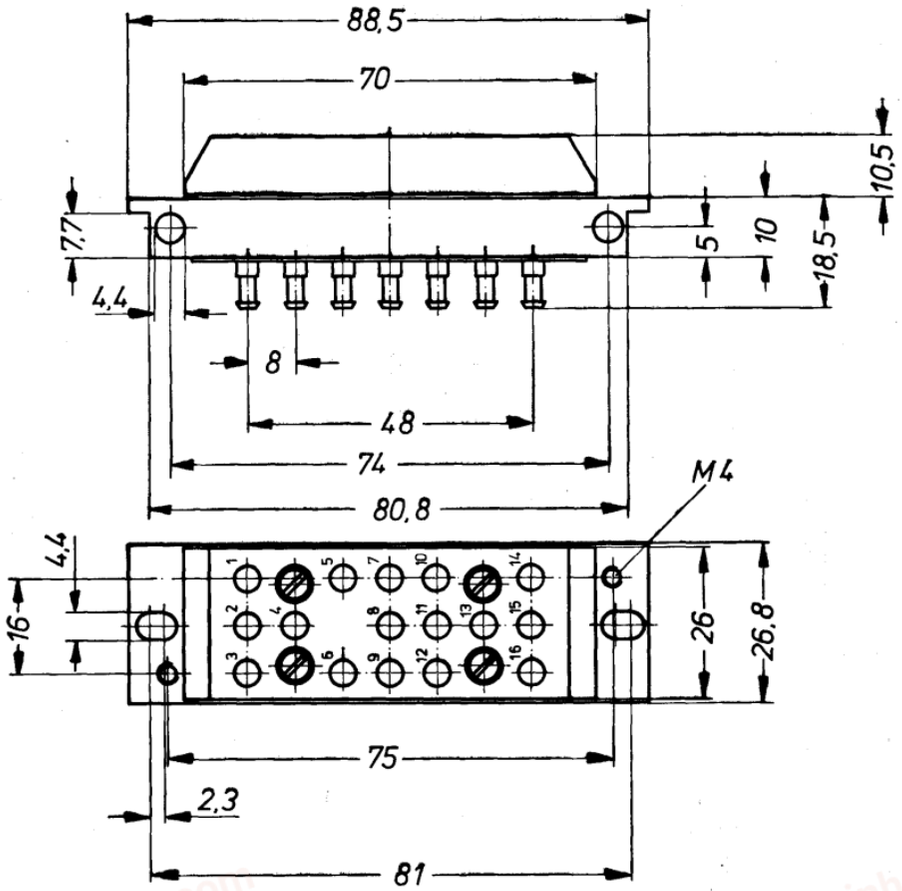
Dimensions – Pressure indicator OH-22 Download CAD data www.festo.com



chanhvinh.com

Dimensions

Dimensions – Pressure indicator plate OH-2N-PK-3 Download CAD data www.festo.com



chanhvinh.com

Ordering data

Pressure indicator OH-8

	Pneumatic connection	Indicator colour	Product weight	Part no.	Type
	Barbed fitting PK-3	Blue	10 g	**10090**	**OH-8-BL**
		Green		**10089**	**OH-8-GN**
		Red		**10088**	**OH-8-RT**
		Yellow		**10091**	**OH-8-GE**

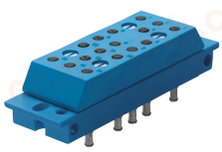
Pressure indicator OH-10

	Pneumatic connection	Indicator colour	Product weight	Part no.	Type
	Barbed fitting PK-3	Red	4 g	**9791**	**OH-10**

Pressure indicator OH-22

	Pneumatic connection	Indicator colour	Product weight	Part no.	Type
	G1/8	Blue	25 g	**4600**	**OH-22-BL**
		Green		**4237**	**OH-22-GN**
		Red		**4131**	**OH-22-RT**
		Yellow		**4601**	**OH-22-GE**

Pressure indicator plate OH-2N-PK-3

	Pneumatic connection	Indicator colour	Product weight	Part no.	Type
	Barbed fitting PK-3	Black	65 g	**7878**	**OH-2N-PK-3**