

PRESSURE SWITCH

Series PT1

Cat No PT1 - 01 - 01 - A

PRESSURE SWITCH - G1/4

Features

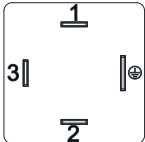
- ☐ Suitable for DIN 43650 connector
- ☐ Variants available with Integrated LED for switching status indication
- ☐ Robust design



Application

- ☐ Used to monitor / maintain the system pressure
- ☐ Protect pneumatic component / system against over pressure

Technical Specifications

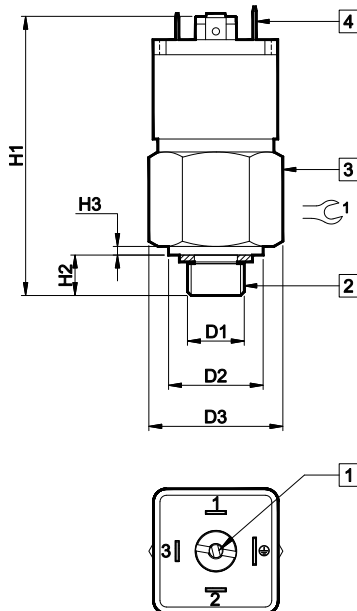
Ordering No.	PT11N1...			PT11N2...	
Adjustable switching pressure	1 to 10 bar				
Overpressure safety	80 bar				
Operating medium	Air				
Seal	Diaphragm				
Ambient / fluid temperature °C	5° to 60° C				
Repeatability	±5%				
Hysteresis (relative to switch-on pressure)	(20±6%) at 2 bar, (15±6%) at 6 bar (Non - Adjustable)				
Switching element	Changeover contact				
Switching frequency	Max. 3Hz				
Power supply voltage	12, 24, 60, 110, 220V AC / DC			24V AC / DC	
Maximum output current	AC / DC	AC	DC	AC / DC	AC / DC
	12 V	6 A	6 A	24V	3A
	24 V		3 A		
	60 V		1 A		
	110 V		0.5 A		
	220 V		0.25 A		
Connector type	DIN 43650 Type A			DIN 43650 Type A with LED	
Ready status display	-			Green LED	
Switching status display	-			Yellow LED	
Mounting position	Any				
Cable entry	PG9 (cable OD 6 - 8mm)				
Enclosure (Ingress protection)	IP65 (When plugged & screwed with gasket)				
Material of construction	Brass, Nylon, NBR, Stainless steel				
Weight	0.135 Kg				
Pin & Meaning			1 - Common (Switchable voltage) 2 - N/C Contact 3 - N/O Contact		

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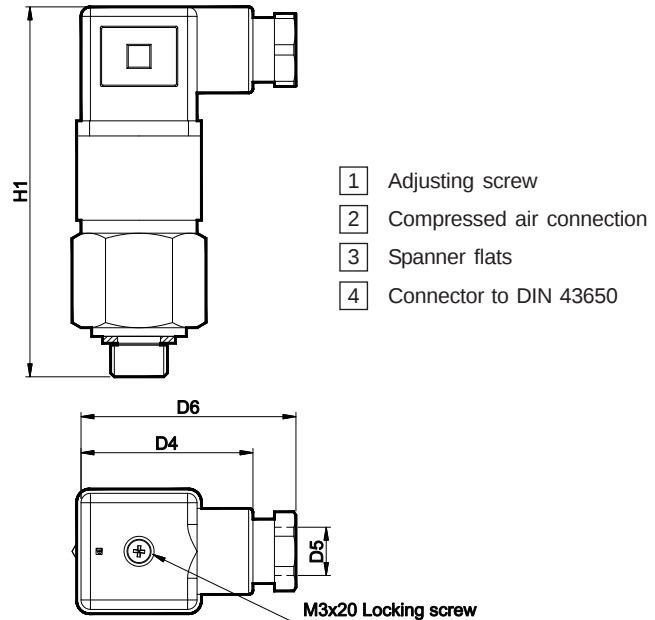
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Without Connector



With DIN 43650 Connector



- 1 Adjusting screw
- 2 Compressed air connection
- 3 Spanner flats
- 4 Connector to DIN 43650

Type	H1	H2	H3	D1	D2	D3	D4	D5	D6	1
Without Connector	64.5	9	2	G1/4	22	31	-	-	-	27
With DIN 43650 Connector	85.5						45	11.2	50 Max	

How to order

PT1									
Body material		Seal material		Connector type		Set pressure in bar			
1	Brass	N	NBR	0	Without Connector	Nil	Without factory set pressure (Default setting 5bar - adjustable)		
				1	Connector without LED	0100 to 1000	Factory set pressure (Required set pressure)		
				2	Connector with LED				

Ordering example: Pressure switch, Brass body, NBR Seal, without Connector, without factory set pressure - Ordering No: **PT11N0**
 Pressure switch, Brass body, NBR Seal, Connector without LED & Set pressure 6 bar - Ordering No: **PT11N1-0600**
 Pressure switch, Brass body, NBR Seal, Connector with LED & Set pressure 2.2 bar - Ordering No: **PT11N2-0220**

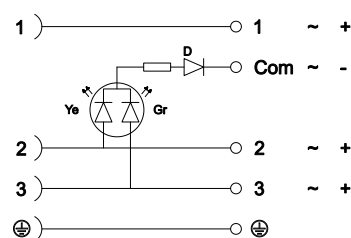
Ordering code for connectors:

Connector without LED

Ordering No: **KA0**

Connector with LED

Ordering No: **KA0T2Y0**



Transparent housing with Bicolour LED
Indicator confirming switching status

Subject to change