

PRESSURE SWITCH

Series PT1

Cat No PT1 - 01 - 01 - D

PRESSURE SWITCH - G1/8, G1/4

Features

- Suitable for DIN 43650 connector
- Variants available with Integrated LED for switching status indication
- Robust design
- Variants available with Nitrile and Viton seals



Application

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

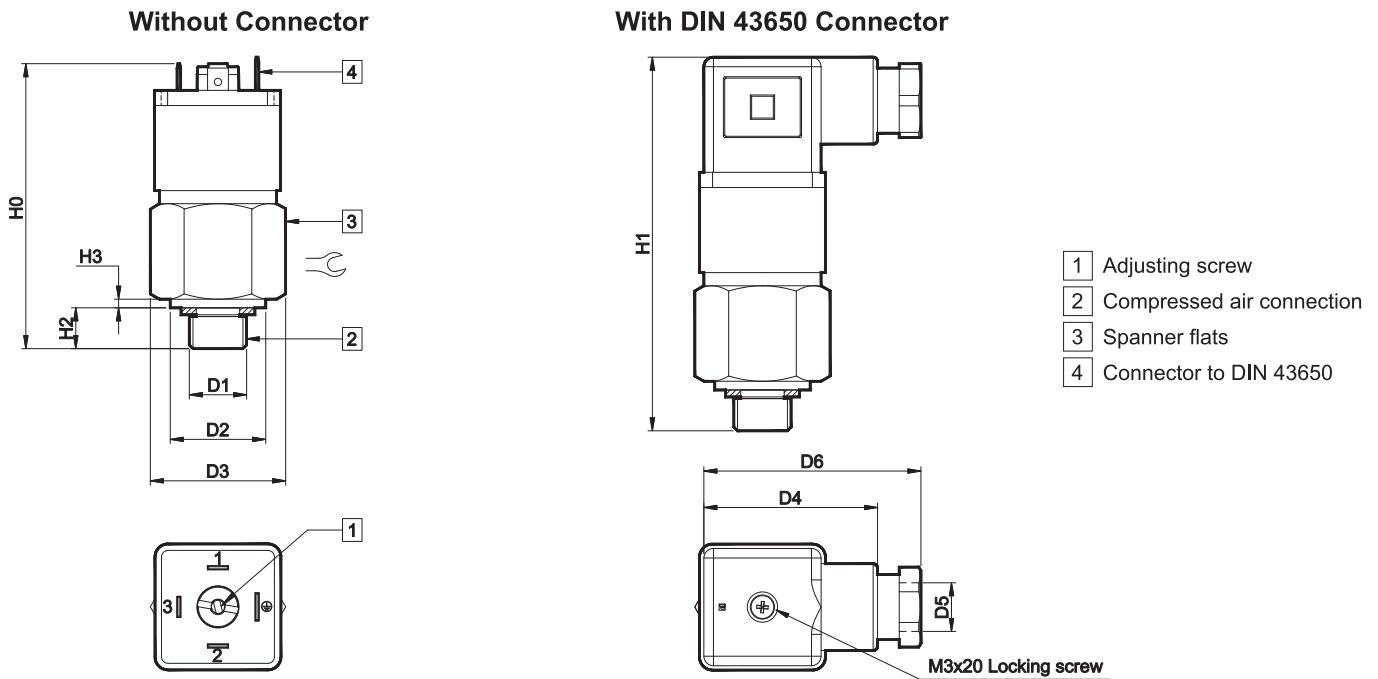
Technical Specifications

Model	PT1					
Adjustable switching pressure	1 to 10 bar					
Maximum supply pressure	20 bar					
Medium	Compressed air, Filtered					
Seal	Diaphragm					
Ambient / Medium temperature	-10° 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					
Connector type	Without connector / DIN 43650 Type A			DIN 43650 Type A with LED		
Ready status display	-			Green LED		
Switching status display	-			Yellow LED		
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					
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, Viton, Stainless steel					
Weight	0.135 Kg					
Pin & Meaning				1 - Common (Switchable voltage) 2 - N/C Contact 3 - N/O Contact		

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D1	D2	D3	D4	D5	D6	H0	H1	H2	H3	
G1/8	22	31	45	11.2	50 Max	67	85.5	9	2	27
G1/4										

How to order

PT1	1	1	61	N	0	-	0					
Body material		Thread type		Thread size		Seal material		Connector type		Set pressure (bar)		
1	Brass	1	Male	60	1/8	N	NBR	0	Without Connector		Nil	Without factory set pressure (Default setting 5bar - adjustable)
				61	1/4	V	Viton	1	Connector without LED			
								2	Connector with LED		0100	Factory set pressure (Required set pressure)
											to	
											1000	

Ordering example:

Pressure switch, Brass body, Male thread, 1/4", NBR Seal, without Connector, without factory set pressure - Ordering No: **PT11161N0**

Pressure switch, Brass body, Male thread, 1/4", NBR Seal, Connector without LED & Set pressure 06 bar - Ordering No: **PT11161N1-0600**

Pressure switch, Brass body, Male thread, 1/4", NBR Seal, Connector with LED & Set pressure 2.2 bar - Ordering No: **PT11161N2-0220**

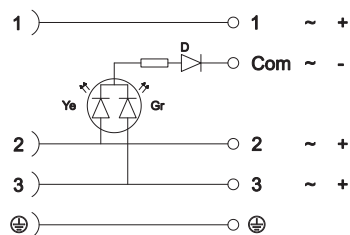
Ordering code for connectors:

Connector without LED

Ordering No: **KA0**

Connector with LED

Ordering No: **KA0T2Y0**



Transparent housing with Bicolour LED Indicator confirming switching status

Subject to change