

DESCRIPTION

GT Series pressure switches are designed for precise control applications, operating by opening or closing an electrical circuit in response to pressure changes in the system.

With compact dimensions and a lightweight structure, the GT Series is ideal for installations where space is limited. The switches are optimized for control circuits, offering reliable performance under low electrical loads.

Depending on the model, NO or NO/NC contact configurations are available, providing flexibility for different system requirements.

The adjustment mechanism allows easy and precise setting of the desired pressure value. Once adjusted, the setting remains stable, ensuring consistent operation even in demanding environments.

The GT Series offers multiple connection options and a wide range of pressure settings to suit various applications. Its durable construction ensures long service life and reliable switching performance.

PNOTOL GT Series pressure switches provide a compact, efficient, and cost-effective solution for pressure control in modern industrial systems.



PRODUCT FEATURES

Electrical

Output Signal	SPDT Output
Electrical Contstruction	NO/NC NO NC
Max. Supply Voltage	125 VAC
Wiring Principle	3-wire 2-wire
Current	Max. VAC: 3A
Connection Principal	G1/4" - G1/8" - 1/4" BSPT - 1/8" BSPT - M10 x1,0 - M12x1,5 - 1/8"NPT - 1/4"NPT
Cycle Lifespan	5.000.000 cycles
Working Temperature	+100 °C 212 °F... -20 °C 20°F

Pressure

Min. Signal Pressure	0,2 bar, 2,9 psi, 20 kPa, 0,02 Mpa
Max Signal Pressure	400 bar, 5801 psi, 40.000 kPa, 40 MPa
Burst Pressure (PMax)	Refer to Order Code scheme
Pressure Gauge	Optional

Material

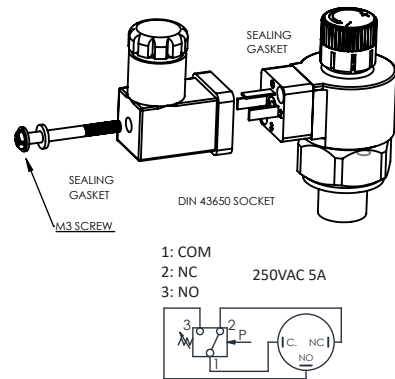
Mechanical Connection	Refer to Order Code scheme
Body	Plated Steel, Brass, Stainless Steel
Sealing Material	Viton, HNBR, NBR

ORDER CODE

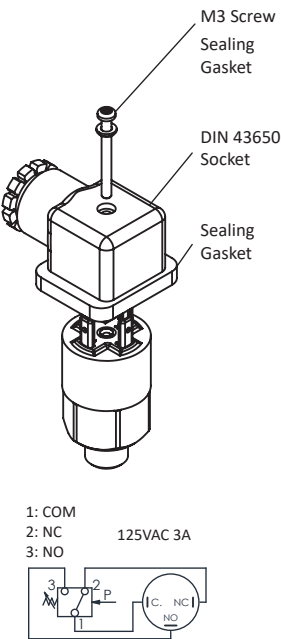
GT	- ... -	- ... -	- ... -	- ... -	- ... -	- ... -			- ... -	- ... -
MODEL	Pressure Gauge	Sealing	Body Type	Mechanical Con.	Electrical Con.	Pressure			Set Pressure	Pressure Condition
GT Model Pressure Switch	M	H HNBR V Viton	R Brass S Stainless Steel If not specified, a standard steel body (with protective coating) will be applied.	N3 G1/4" N4 G1/8" N5 1/4" BSPT N6 1/8" BSPT N7 M10 x1,0 N8 M12x1,5 N9 1/8"NPT N10 1/4"NPT	NO Normally Open Fast-on terminal connection	Pressure Range	Pressure Switch Pmax	Pressure Gauge (Optional)	If must,The requested set pressure must be written in this field.	D Low setting Y High setting
						002 0,2- 2 bar	40 bar	0...2,5 bar Pmax= 2,5 bar		
						012 1- 12 bar	40 bar	0...16 bar Pmax=16 bar		
						050 5- 50 bar	600 bar			
						100 10 - 100 bar	600 bar			
						300 20- 300 bar	600 bar			
						400 50- 400 bar	600 bar			
	You can select the model with a pressure gauge to monitor system pressure in real time. If not required, please leave this field blank.	If not specified, NBR sealing will be applied.		LOC Normally Open/Closed DIN 43650 A socket connection Lockable					Please specify the switching direction (low/high) of the set pressure value.	

ELECTRICAL CON. DIAGRAM

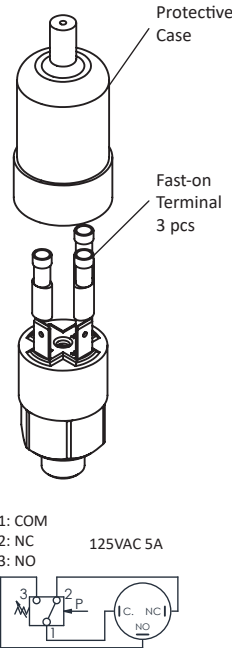
LOC



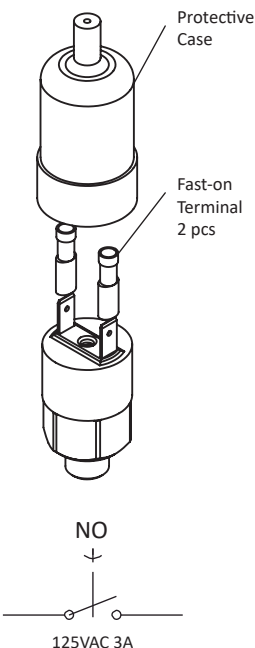
SOC



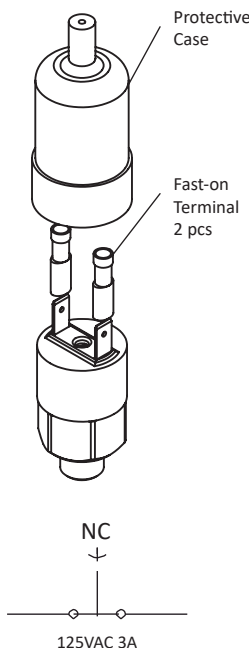
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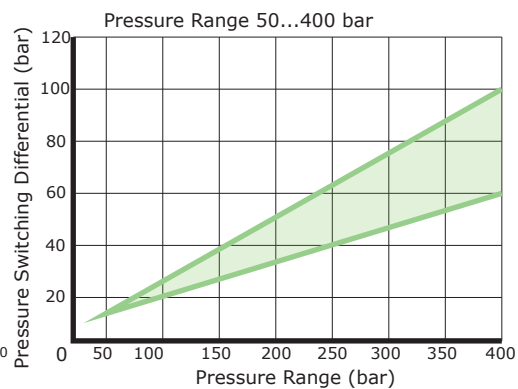
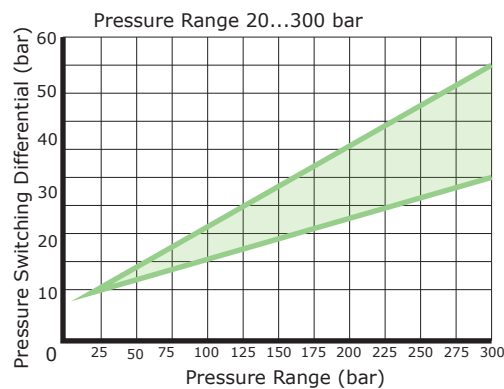
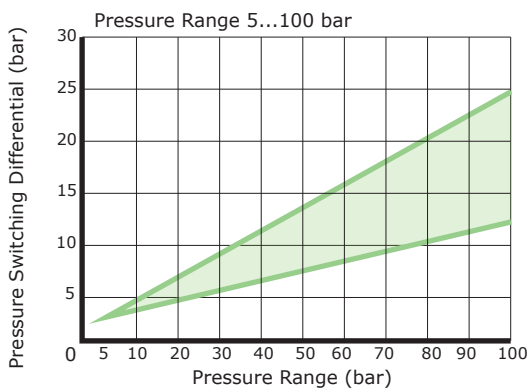
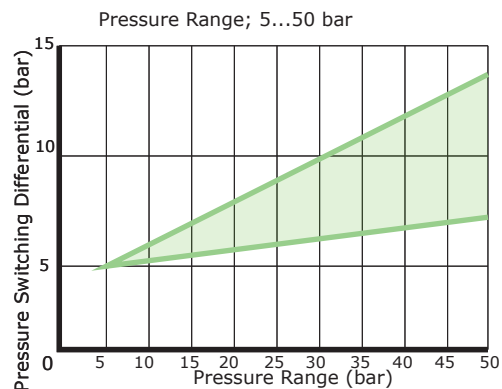
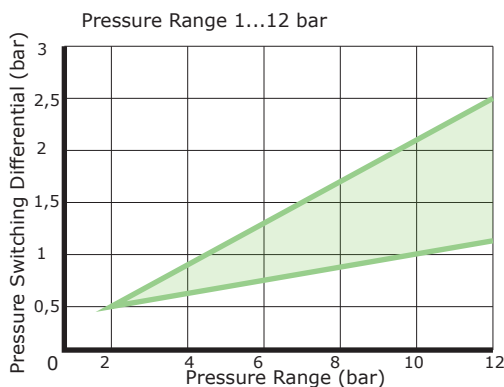
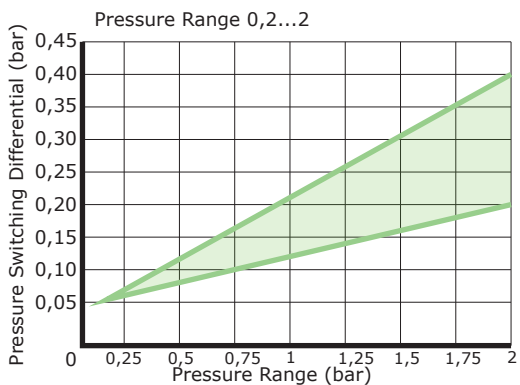
NO



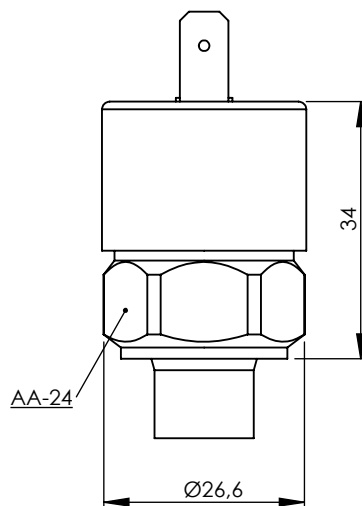
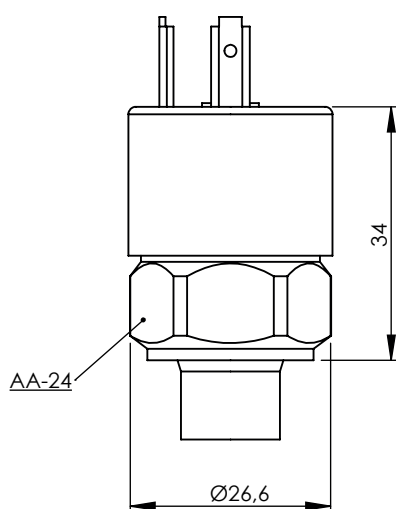
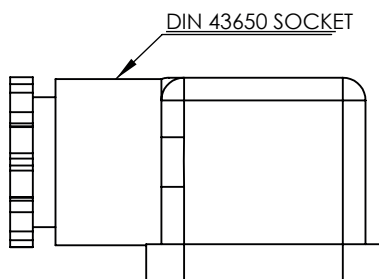
NC



DIFFERENTIAL DIAGRAM



TECNICAL DIMENSIONS



TECHNICAL DIMENSIONS

