

**GENERAL CHARACTERISTICS**

Mechanical Pressure Switch for liquids and gaseous media. A diaphragm (low pressure) or a piston (high pressure) is pre-triggered via spring with the possibility to change the spring characteristic. During this modification a switch point can be selected within a certain range.

- \* compact dimensions
- \* good repeatability

Male thread R1/8" to R1/4" aluminium



**TECHNICAL DATA**

**PI-300A008H**

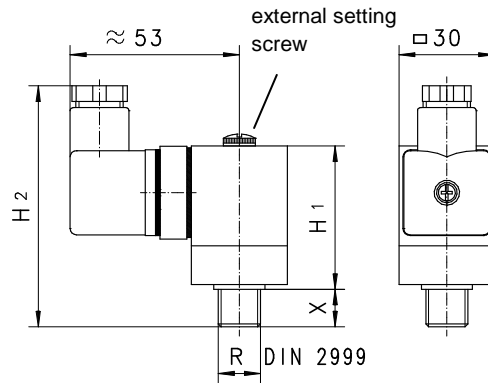
	R	Type	PN bar	adjustable range bar (rel.)	tolerance (25°C) bar	operation principle	H <sub>1</sub> mm	H <sub>2</sub> mm	X mm	weight kg
aluminium	R1/8"	PI-005A004H	60	0.2 - 5	±0.1	diaphragm	44	75	10	0.10
		PI-010A004H	100	0.5 - 10	±0.2					
		PI-025A004H	100	10 - 25	±0.5					
		PI-080A004H	150	25 - 80	±1.0					
	R1/4"	PI-150A008H	600	30 - 150	±7.0	piston	46	78	12	0.22
		PI-300A008H	600	150 - 300	±7.0					

Adjustable range is indicated for increasing pressure.

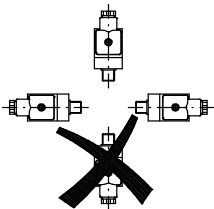
media temperature max. 60°C  
hysteresis <30% from switch value

**MATERIALS**

body aluminium  
diaphragm NBR  
piston brass  
spring stainless steel 1.4310

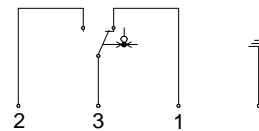


**MOUNTING POSITION**



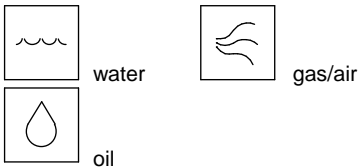
**ELECTRICAL DATA**

mechanical switch  
wiring 0.280 change over  
250 V AC 3A (2A inductive)  
plug DIN 43650-A  
protection class IP 65



For combinations see table "technical data".

**METERING SUBSTANCES**



**NOMENCLATURE**

PI-	005	A	004	H	basic type specification	
	005				adjustable range	0,2 - 5 bar (rel.)
	010					0,5 - 10 bar (rel.)
	025					10 - 25 bar (rel.)
	080					25 - 80 bar (rel.)
	150					30 - 150 bar (rel.)
	300					150 - 300 bar (rel.)
		A				aluminium
			004			connection thread R1/8"
			008			connection thread R1/4"
				H		socket thread

All technical changes reserved

●BASIC Standard ○BASIC Programme option □VARIO Special option ⊕PLUS Accessories ✗not recommendable