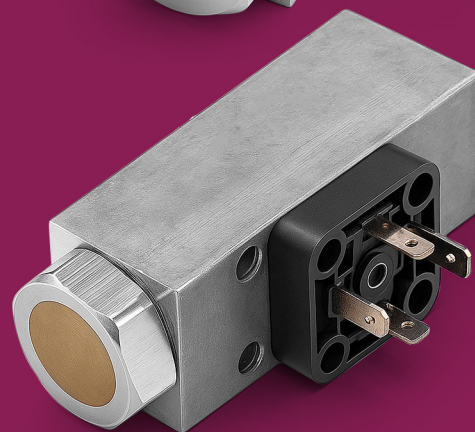
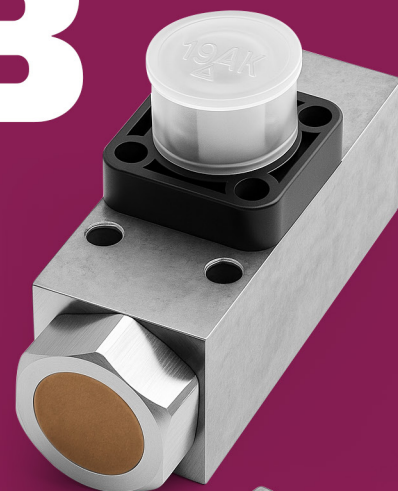


HNP10-B

MECHANICAL PRESSURE SWITCH



PRODUCT DESCRIPTION

The pressure switches of the series are equipped with diaphragm (low pressure) or piston (high pressure) measuring elements and can be used for gas or liquid pressure detection.

When the pressure reaches the set value, the moving part triggers a spring-supported microswitch, which can be plate-mounted to measure neutral gases, air, lubricants, oils and other media.

PRODUCT FEATURES

- ❶ Maximum pressure resistance 250 bar
- ❷ Setting range from 6.... ...40bar to 40... ...250bar
- ❸ High repeatability/steel housing
- ❹ High contact capacity 250Vac,3A
- ❺ Compact design/small size
- ❻ Gas-hydraulic version
- ❼ SPDT output (normally open + normally closed)

TECHNICAL PARAMETERS

NAME	SPECIFICATION
Measuring medium	Liquid or gas
Pressure adjustment range	See technical parameters for details
Repeatability	$\leq \pm 3\%$ (related to set value)
Output method	Gold-plated contact microswitch SPDT (normally open + normally closed)
Switching capacity	Without signal lamp: 30VDC, 2A 250VAC, 3A With signal lamp: 24-250V 0.6A
Adjustment method	Hexagon socket head cap screws
Switching frequency	MAX. 100 times/minute
Ambient temperature	-20.... +85°C
Medium temperature	-20.... +80°C
Material	Housing: Steel Contact material: NBR, aluminium/steel/stainless steel Process connection: aluminium/steel/stainless steel optional
Outlet method	Solenoid Valve Connector

AREAS OF APPLICATION

Civil engineering machinery

Hydraulics and Pneumatics

Machine Tools

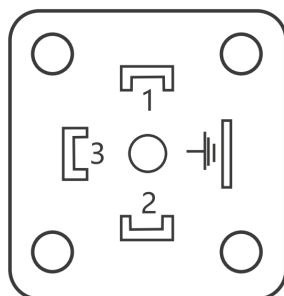
Machinery Manufacturing

Pumps and Compressors

Oil drilling

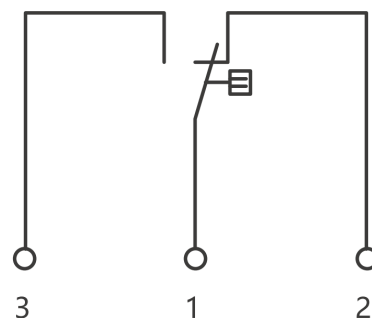
WIRING DIAGRAM

Connection Schematic

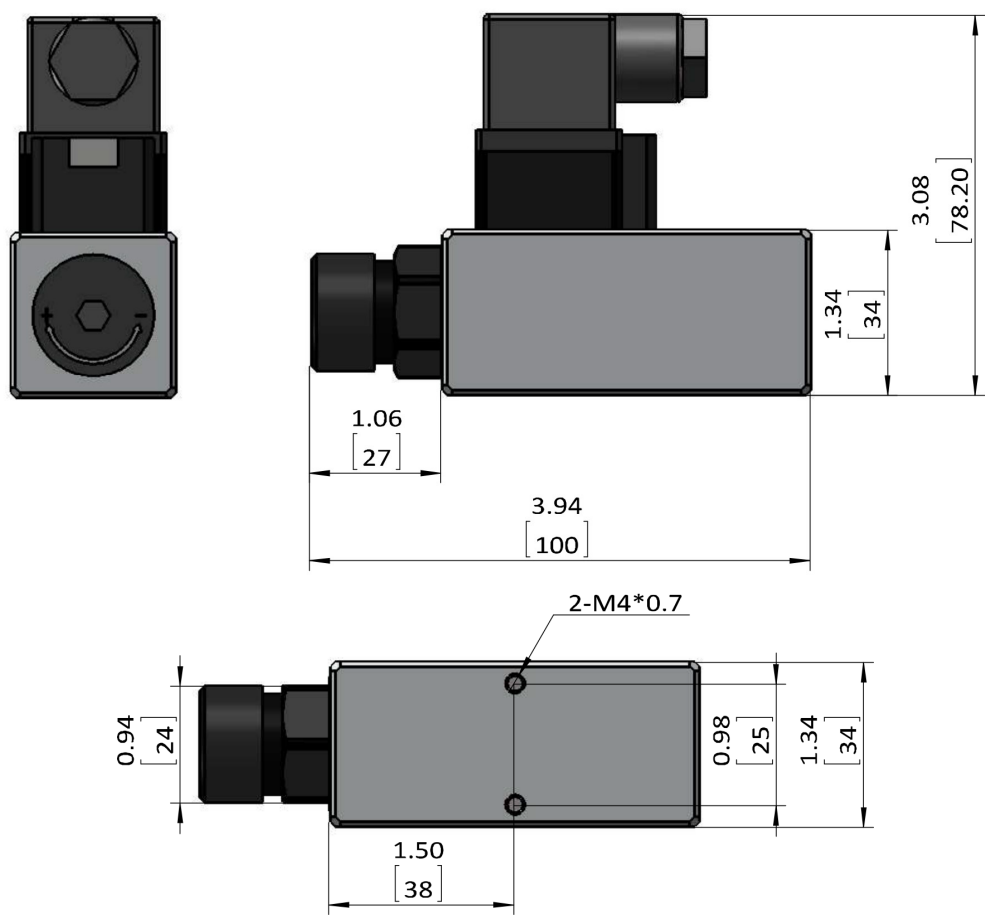


Solenoid valve plug

Microswitch



PRODUCT SIZE(MM)



HNP10-B MECHANICAL PRESSURE SWITCH SELECTION CHART

NAME	CODE	CODE DESCRIPTION
Adjustable range	1	6...40bar
	2	10...70bar
	3	20...150bar
	4	40...250bar
	X	Customizable
Process threaded connections	G	G1/4 Internal thread
	X	Customizable
Shell material	A	Stainless steel
	B	Steel
	C	Aluminium
Output	NO	Normally open type
	NC	Normally closed type