

0120

Diaphragm pressure switches max 42 V

with bayonet connection DIN 72585-A1-2.1

Zinc-plated steel body
Overpressure safe to **4350 psi**¹⁾
Degree of protection IP6K9K

RoHS COMPLIANT

With male thread



- Also available with switching point preset in our factory.
- Other body materials and connection threads on request.
- Other diaphragm / seal materials on request, e.g. HNBR, silicone (last one for diaphragm type only).

0120 Diaphragm pressure switches with bayonet connection

Adjustment range in psi (tolerance at room temperature)	Thread	SPST-NO (normally open) → > :				SPST-NC (normally closed) → > :			
145 – 14.5 (± 2.9)	M 10x1 taper	0120	403	01	009	0120	404	01	013
	M 12x1.5	0120	403	02	010	0120	404	02	014
	1/4" BSPP	0120	403	03	011	0120	404	03	015
	1/8" NPT	0120	403	04	012	0120	404	04	016
	1/8" BSPP	0120	403	28	603	0120	404	28	604
	M 10 x 1 cyl.	0120	403	13	003	0120	404	13	004
14.5 – 145 (± 7.25)	M 10x1 taper	0120	407	01	025	0120	408	01	029
	M 12x1.5	0120	407	02	026	0120	408	02	030
	1/4" BSPP	0120	407	03	027	0120	408	03	031
	1/8" NPT	0120	407	04	028	0120	408	04	032
	1/8" BSPP	0120	407	28	607	0120	408	28	608
145 – 290 (± 14.5)	M 10x1 taper	0120	411	01	041	0120	412	01	045
	M 12x1.5	0120	411	02	042	0120	412	02	046
	1/4" BSPP	0120	411	03	043	0120	412	03	047
	1/8" NPT	0120	411	04	044	0120	412	04	048
	1/8" BSPP	0120	411	28	611	0120	412	28	612
290 – 725 (± 29.0)	M 10 x 1 cyl.	0120	411	13	011	0120	412	13	012
	M 10x1 taper	0120	415	01	057	0120	416	01	061
	M 12x1.5	0120	415	02	058	0120	416	02	062
	1/4" BSPP	0120	415	03	059	0120	416	03	063
	1/8" NPT	0120	415	04	060	0120	416	04	064
	1/8" BSPP	0120	415	28	615	0120	416	28	616
290 – 725 (± 29.0)	M 10 x 1 cyl.	0120	415	13	015	0120	416	13	016

Order number:
Add figure for diaphragm/seal material

0120 XXX XX **X** XXX 0120 XXX XX **X** XXX

NBR (BunaN)	Hydraulic / machine oil, turpentine, heating oil, air etc.	=	1	=	1
EPDM	Hydrogen, acetylene, ozone, brake fluid etc.	=	2	=	2
FKM	Hydraulic fluids (HFA, HFB, HFC, HFD), petrol/gasoline etc.	=	3	=	3

See page 10 for temperature ranges of diaphragm / seal materials

Warning!

When using with oxygen, the relevant accident-prevention regulations must be observed. In addition, we recommend that a maximum operating pressure of 145 psi is not exceeded.

¹⁾ Static pressure, dynamic pressures should be 30 to 50% lower. These values refer to the hydraulic or pneumatic part of the pressure switch.

Degree of protection IP65

The type approval does not apply without restriction to all environmental conditions. It is the responsibility of the user to check whether the connection complies with regulations other than those stated, and whether it can be used for special applications which could not be foreseen by us in advance.