



Adjustable diaphragm pressure switch with adjusting screw

FT-PR6SP

Sub-miniature pressure switches with electrical connection to terminals, IP00 protection degree (without cap) or IP65 (with cap FT-KT-012). Zinc-plated steel body

Carbon steel

48Vdc

NO or NC

IP65

Clamps

Diaphragm



Technical information

Technical description

Pressure switches of series FT-PR6 are the correspondent of series FT-P24 but with electric screw terminals connection. This particular configuration permits the installation, in addition to the IP54 cap (FT-KT011), of a rigid IP65 connector (FT-KT012)

Materials

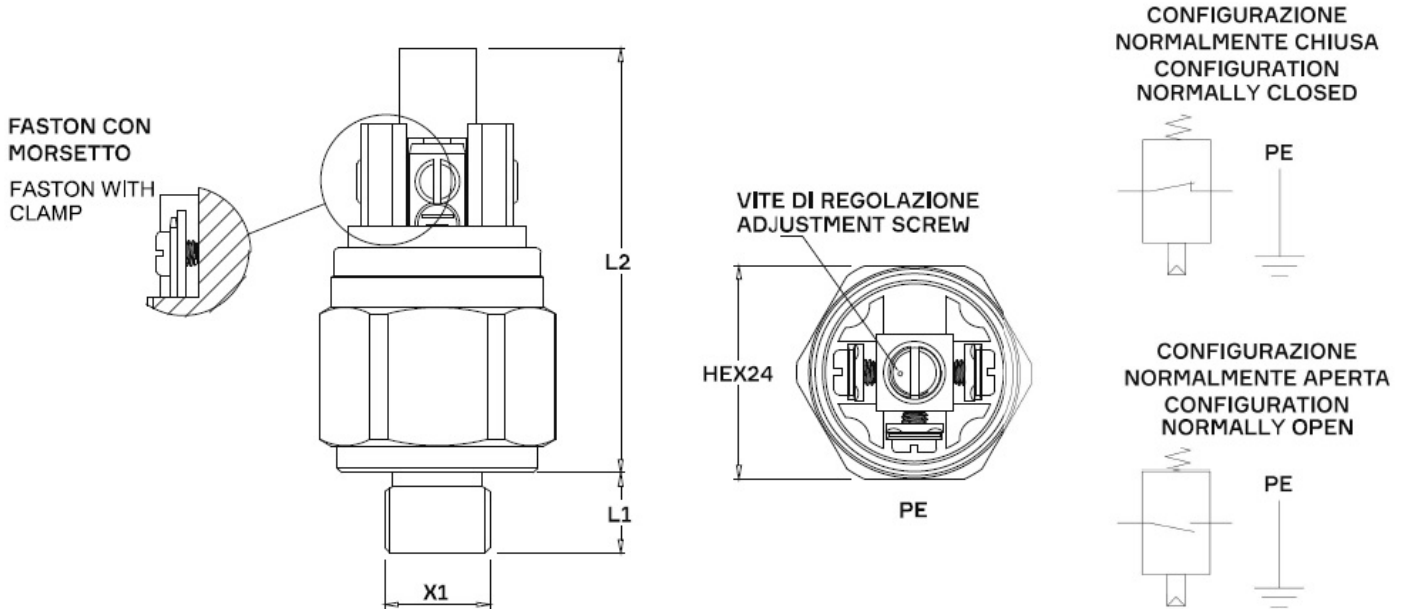
CORPO / BODY	Acciaio Zincato / Zinc Plated Steel
MEMBRANA-GUARNIZIONE / DIAPHRAGM-GASKET	Di serie NBR / Standard NBR
CONTATTI ELETTRICI / ELECTRICAL CONNECTION	SPDT Argentati / SPDT Silver Plated

Technical data

TENSIONE MAX	SWITCHING RATING
48V dc	48V dc
CARICO ELETTRICO RESISTIVO	RESISTIVE ELECTRICAL LOAD
48V-0,5Amp	48V-0,5Amp
MASSIMA PRESSIONE	MAX STATIC PRESSURE
180 Bar	180 Bar
TEMPERATURA DI UTILIZZO	TEMPERATURE RANGE
-20 ÷ + 80 °C	-20 ÷ + 80 °C
VITA MECCANICA	MECHANICAL LIFE
10 ⁶ cicli	10 ⁶ cycles
VITA ELETTRICA	ELECTRICAL LIFE
10 ⁵ cicli	10 ⁵ cycles
GRADO DI PROTEZIONE	PROTECTION DEGREE
IP54 con cappuccio FT-KT011	IP54 with protection cap FT-KT011
A richiesta IP65 con cappuccio FT-KT012	On demand IP65 with protection cap FT-KT012
FREQUENZA MAX DI LAVORO	MAX WORKING FREQUENCY
30 cicli/min-10 ⁵ interventi	30 cycles/min-10 ⁵ operating time
ISTERESI	HYSTERESIS
10% valore di fondo scala	10% of full scale value



Dimensional tables and drawings



Adjusting range (BAR)

CAMPO DI REGOLAZIONE (Bar) / ADJUSTING RANGE (Bar)	TOLLERANZA A 20° (Bar) / TOLERANCE AT 20° (Bar)*
0,2 ÷ 1	± 0,15%
0,5 ÷ 2	± 0,2%
1 ÷ 10	± 0,6%
10 ÷ 20	± 1,5%
20 ÷ 50	± 2%
50 ÷ 200**	± 5%

* Le tolleranze di intervento indicate sono riferite alle tarature effettuate in fabbrica

* The toletances of set-point are referred to the settings made in factory

** Azionamento con pistone in acciaio +guarnizione NBR

** Steel piston+NBR gasket execution