

Adjustable diaphragm pressure switch with adjusting screw

FT-P24MP

Sub-miniature pressure switches with push-on electric connection 6,30x0,8, IP00 protection (without cap) or IP54 protection (with cap FT-KT-011). Body in OT58

Brass OT58

48Vdc

NO or NC

IP54

PUSH-ON

Diaphragm



Technical information

Technical description

The pressure switches of the series FT-P24 can be supplied with particular customized configuration according to a specific technical demand of our esteemed customers. We can realize solutions with protection degree up to IP67, pressure switch setting in factory, filling with epoxy resin and electrical connection by a connecting cable (of the desired length), which can be free or wired with connector, also of automotive type, between the most common and used on the market (ex. AMP-DEUTSCH-DELPHI-METRIPACK) and according to customers specification. Other solutions that foresee the connector perfectly integrated in the protection caps can be evaluated.

Materials

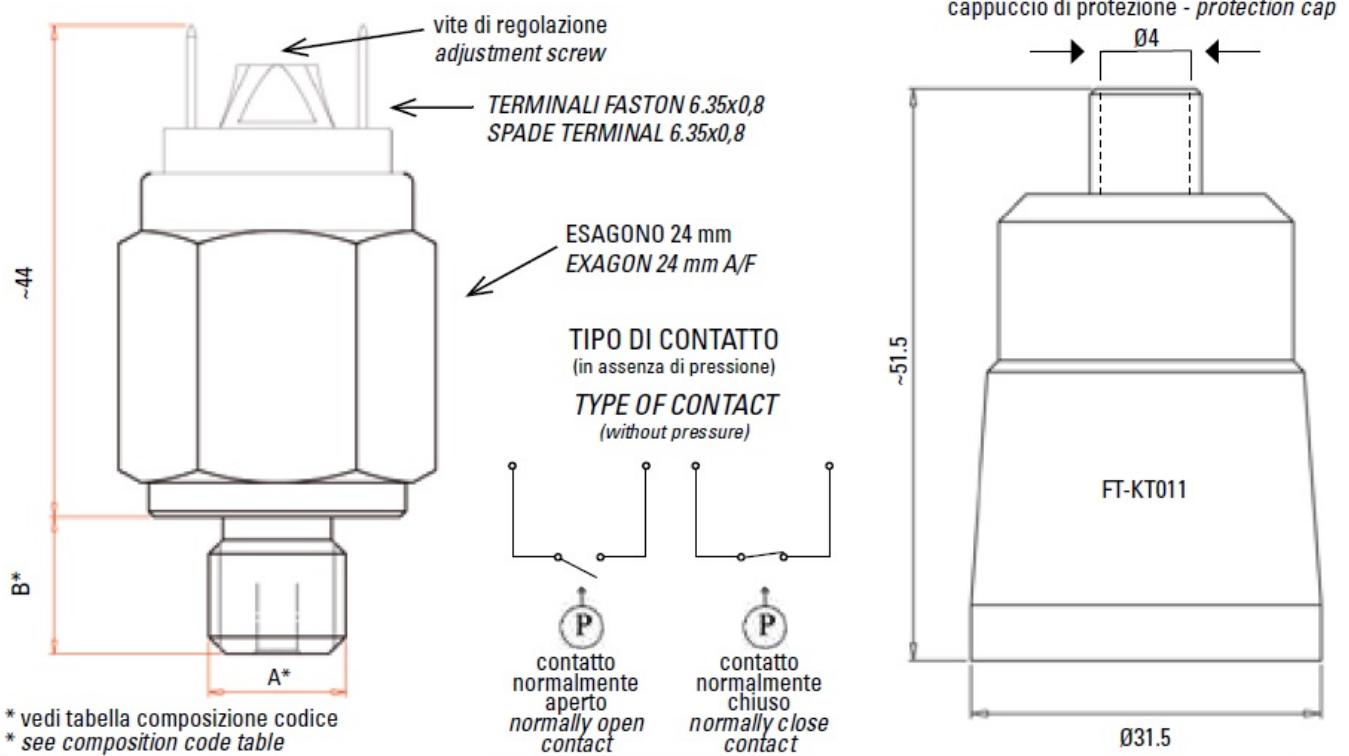
CORPO / BODY	Ottone/Brass
MEMBRANA / DIAPHRAGM	Di serie NBR / Standard NBR
CONTATTI ELETTRICI / ELECTRICAL CONNECTION	NA o NC Argentati / NO or NC Silver Plated

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
80 Bar	80 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
FREQUENZA MAX DI LAVORO	MAX WORKING FREQUENCY
30 cicli/min-10 ⁵ interventi	30 cycles/min-10 ⁵ operating time
ISTERESI	HYSTERESIS
3 ÷ 5% valore di taratura	3 ÷ 5% of setting point



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%

* 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