Adjustable diaphragm pressure switch with adjusting screw

FT-573/R

Sub-miniature pressure switches with push-on electric connection 6,30x0,8, IP00 protection (whitout cap) or IP54 protection (with cap FT-KT-011)

Carbon steel
48Vdc
NO or NC
IP54
PUSH-ON
Diaphragm

Technical information

Technical description

The pressure switches of the series FT-573 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.

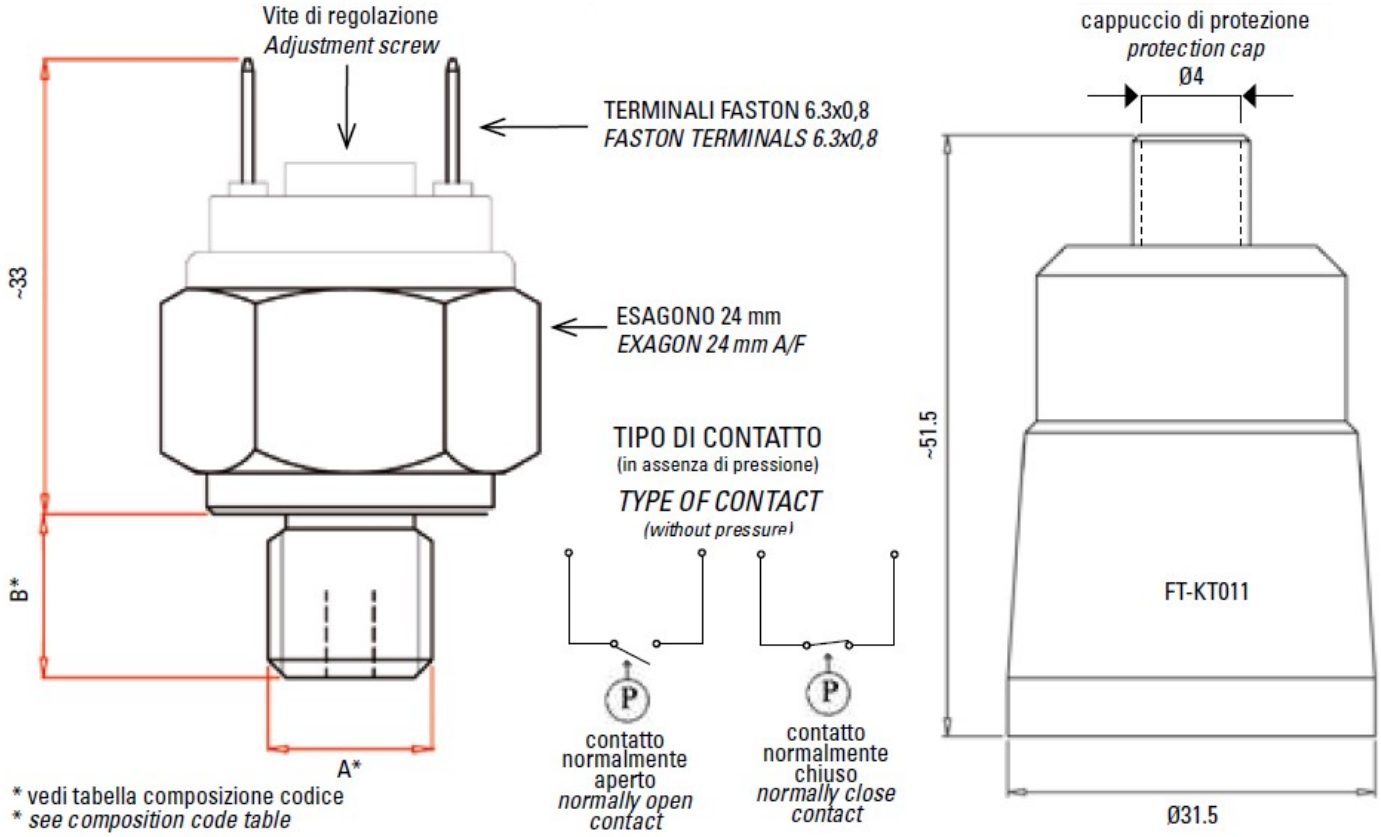
Materials

CORPO / BODY	Acciaio Zincato / Zinc Plated Steel
MEMBRANA / DIAPHRAGM	Di serie NBR / Standard NBR
CONTATTI ELETTRICI / ELECTRICAL CONNECTION	NA o NC Argentati / NO or NC Silver Plated

Technical data

CARICO ELETTRICO RESISTIVO	RESISTIVE ELECTRICAL LOAD
48V-0,5Amp	48V-0,5Amp
MASSIMA PRESSIONE	MAX STATIC PRESSURE
250 Bar	250 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
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)
1 ÷ 10	1 ÷ 2 bar ± 0,25%
	2 ÷ 5 Bar ± 0,5%
	5 ÷ 10 Bar ± 1%