



Adjustable diaphragm/piston pressure switch

FT-P27SP

Miniature pressure switches with DIN 43650/A electric connection, IP65 protection degree (included). Zinc-plated steel body, SPDT contact

Carbon steel

220Vac

SPDT

IP65

DIN 43650/A

Diaphragm / Piston



Technical information

Technical description

The pressure switches of series FT-P27 can be supplied completed of IP65 DIN 43650/A connector. They are fully adjustable by an adjustment screw positioned under the connector in the middle of the pressure switch. They are made of a robust and reliable electric micro-switch that, on request, can be supplied in configuration 220Vac/6A

Materials

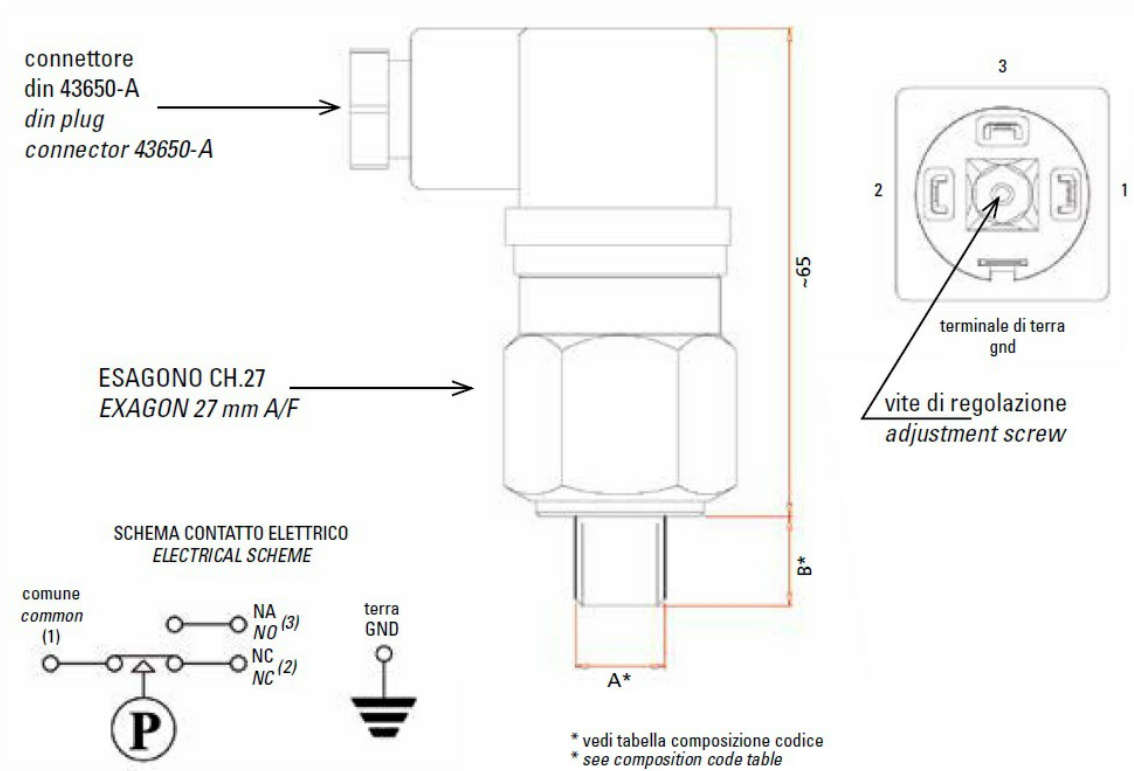
CORPO / BODY	Acciaio Zincato / Zinc Plated Steel
MEMBRANA-GUARNIZIONE / DIAPHRAGM-GASKET	Di serie NBR / Standard NBR
CONTATTI ELETTRICI / ELECTRICAL CONNECTION	Argentati / Silver Plated
PLASTICA / PLASTIC HEAD	Nylon 6/6 fv. 30 / Nylon 6/6 fv. 30

Technical data

TENSIONE MAX	SWITCHING RATING
250V ac	250V ac
CARICO ELETTRICO RESISTIVO	RESISTIVE ELECTRICAL LOAD
0,5Amp	0,5Amp
MASSIMA PRESSIONE	MAX STATIC PRESSURE
300 Bar	300 Bar
TEMPERATURA DI UTILIZZO	TEMPERATURE RANGE
-20 ÷ + 110 °C	-20 ÷ + 110 °C
GRADO DI PROTEZIONE	PROTECTION DEGREE
IP65	IP65
FREQUENZA MAX DI LAVORO	MAX WORKING FREQUENCY
30 cicli/min	30 cycles/min
VITA MECCANICA	MECHANICAL LIFE
10 ⁶ cicli	10 ⁶ cycles
VITA ELETTRICA	ELECTRICAL LIFE
10 ⁵ cicli	10 ⁵ cycles
ISTERESI	HYSTERESIS
~15% valore di taratura	~15% 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	~ ± 8%
0,5 ÷ 2	
1 ÷ 10	
10 ÷ 20	
20 ÷ 50	
50 ÷ 200*	
* Azionamento con pistone in acciaio+guarnizione NBR	
* Steel piston+NBR gasket execution	