



Adjustable diaphragm / piston pressure switch.

FT-PSU

Adjustable diaphragm / piston pressure switch with integrated AMP superseal 1.5 connector. NO or NC contacts

MP - IN BRASS SP - ZINC-PLATED STEEL HP - ZINC-PLATED STEEL

250Vac

NO or NC

IP67

AMP SUPERSEAL 1,5 CONNECTOR

Diaphragm / Piston



Technical information

Technical description

The pressure switches of series FT-PSU are ideal in mobile applications (agricultural machinery, earth moving machines, automotive etc...) as, thanks to their integrated AMP Superseal 1.5 connector, allow a secure and easy connection on-board machine ensuring a high general protection degree (IP67). They can be set in factory to the desired value or directly by the customer thanks to the possibility of having access to the regulation screw located in the center of the connector.

Materials

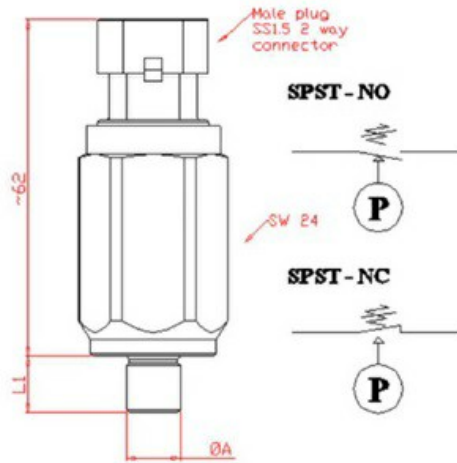
CORPO / BODY	Ottone/Brass (FT-PSUMP)
	Acciaio/Steel (FT-PSUSP/HP)
MEMBRANA / DIAPHRAGM	Di serie NBR /Standard NBR
PISTONE / PISTON	Acciaio + Guarnizione NBR / Steel + NBR gasket
CONTATTI ELETTRICI / ELECTRICAL CONTACTS	Argentati (dorati a richiesta) / Silver Plated (gold on request)

Technical data

CARICO ELETTRICO RESISTIVO	RESISTIVE ELECTRICAL LOAD
250Vac / 0,5A (standard)	250Vac / 0,5A (standard)
250Vac / 6A (a richiesta)	250Vac / 6A (on request)
48V / 100mA (con contatto dorato)	48V / 100mA (with gold contact)
MASSIMA PRESSIONE	MAX STATIC PRESSURE
80 Bar corpo in Ottone FT-PSUMP	80 Bar with brass body FT-PSUMP
300 Bar corpo in Acciaio/Membrana FT-PSUSP	300 Bar with steel body/diaphragm FT-PSUSP
600 Bar corpo in Acciaio/Pistone FT-PSUHP	300 Bar with steel body/piston FT-PSUHP
TEMPERATURA DI UTILIZZO	TEMPERATURE RANGE
-20 ÷ + 90 °C (con NBR standard)	-20 ÷ + 90°C (with standard NBR)
VITA MECCANICA	MECHANICAL LIFE
10 ⁶ cicli	10 ⁶ cycles
GRADO DI PROTEZIONE	PROTECTION DEGREE
IP67	IP67
ISTERESI	HYSTERESIS
~15% del valore max di regolazione	~15% of max setting point



Dimensional tables and drawings



Adjusting range (BAR)