



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

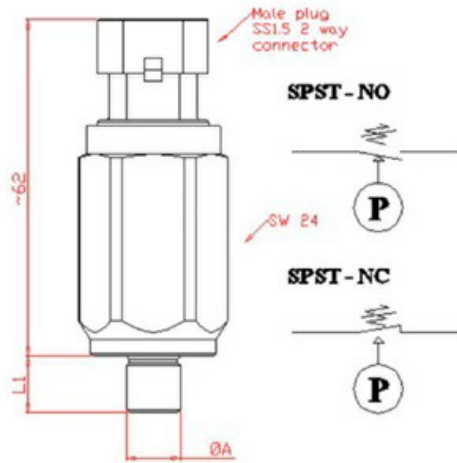
| | |
|-------------------------------------------------|-----------------------------------------------------------------------------|
| CORPO / BODY | Ottone/Brass (FT-PSUMP) |
| | Acciaio/Steel (FT-PSUSP/HP) |
| MEMBRANA / DIAPHRAGM | Di serie NBR /Standard NBR |
| PISTONE / PISTON | Acciaio + Guarnizione 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)