



## Adjustable diaphragm / piston pressure switch.

### FT-PD4

Adjustable diaphragm / piston pressure switch with integrated DT04-2P connector. NO or NC contacts

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

**250Vac**

**NO or NC**

**IP67**

**DT04-2P CONNECTOR**

**Diaphragm / Piston**



## Technical information

### Technical description

The pressure switches of series FT-PD4 are ideal in mobile applications ( agricultural machinery, earth moving machines, automotive etc...) as, thanks to the integrated connector DT04-2P, 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

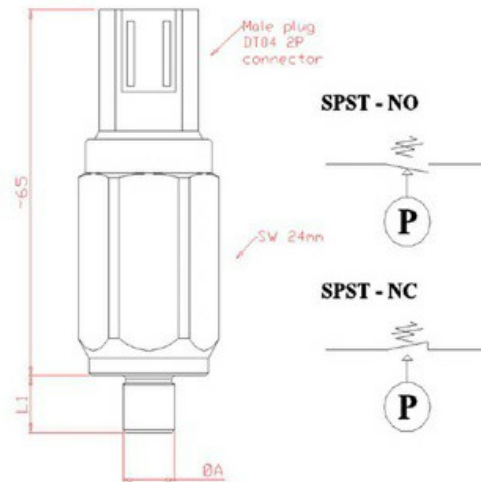
CORPO / BODY	Ottone/Brass ( FT-PD4MP )
	Acciaio/Steel ( FT-PD4SP/HP )
MEMBRANA / DIAPHRAGM	Di serie NBR /Standard NBR
PISTONE / PISTON	Acciaio + Guarnizione NBR / Steel + NBR gasket
CONTATTI ELETTRICI / ELECTRICAL CONTACTS	Argentati ( dorati a richiesta ) / Silver Plated ( gold on request )

### Technical data

<b>CARICO ELETTRICO RESISTIVO</b>	<b>RESISTIVE ELECTRICAL LOAD</b>
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 )
<b>MASSIMA PRESSIONE</b>	<b>MAX STATIC PRESSURE</b>
80 Bar corpo in Ottone FT-PD4MP	80 Bar with brass body FT-PD4MP
300 Bar corpo in Acciaio/Membrana FT-PD4SP	300 Bar with steel body/diaphragm FT-PD4SP
600 Bar corpo in Acciaio/Pistone FT-PD4HP	300 Bar with steel body/piston FT-PD4HP
<b>TEMPERATURA DI UTILIZZO</b>	<b>TEMPERATURE RANGE</b>
-20 ÷ + 90 °C ( con NBR standard )	-20 ÷ + 90 °C ( with standard NBR )
<b>VITA MECCANICA</b>	<b>MECHANICAL LIFE</b>
10 <sup>6</sup> cicli	10 <sup>6</sup> cycles
<b>GRADO DI PROTEZIONE</b>	<b>PROTECTION DEGREE</b>
IP67	IP67
<b>ISTERESI</b>	<b>HYSTERESIS</b>
~15% del valore max di regolazione	~15% of max setting point



## Dimensional tables and drawings



## Adjusting range (BAR)

TIPO DI AZIONAMENTO / ACTUATION TYPE	CAMPO DI REGOLAZIONE (Bar) / ADJUSTING RANGE (Bar)	TOLLERANZA A 20° (Bar) / TOLERANCE AT 20° (Bar)
MEMBRANA / DIAPHRAGM	0,1 ÷ 1	± 0,08
MEMBRANA / DIAPHRAGM	0,2 ÷ 2	± 0,15
MEMBRANA / DIAPHRAGM	1,5 ÷ 10	± 0,8
MEMBRANA / DIAPHRAGM	9 ÷ 20	± 1
MEMBRANA / DIAPHRAGM	15 ÷ 50	± 2
MEMBRANA / DIAPHRAGM	40 ÷ 80	± 2,5
MEMBRANA / DIAPHRAGM	50 ÷ 100	± 5
PISTONE / PISTON	50 ÷ 150	± 8
PISTONE / PISTON	100 ÷ 250	± 10
PISTONE / PISTON	40 ÷ 300	± 15