Piston electro-hydraulic pressure switches for hydraulic applications

FT-IPN

Electro-hydraulic pressure switches for hydraulic applications, plate or in line mounting by adapter. Piston control

Carbon steel
220Vac
SPDT
IP65
DIN 43650/A
Piston

Technical information

Technical description

Piston operated, fixed hysteresis, electro-hydraulic pressure switch equipped with electric SPDT contact. When pre-set pressure is achieved, the piston actuates a microswitch. The setting adjustment takes place by handwheel with graduated scale.

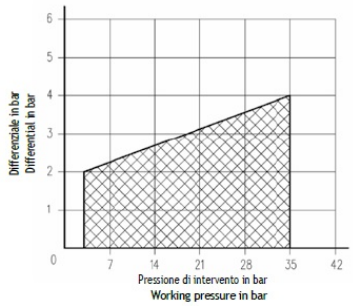
Materials

CORPO / BODY	Acciao pressofuso/Die-cast Steel
MANOPOLA DI REGOLAZIONE / ADJUSTING KNOB	Alluminio/Aluminium
ADATTATORI / ADAPTORS	Acciao al carbonio/Carbon Steel

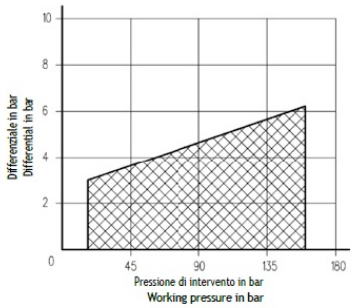
Technical data

CARICO ELETTRICO RESISTIVO	RESISTIVE ELECTRICAL LOAD
125 AC / 7 Amp	125 AC / 7 Amp
250 AC / 5 Amp	250 AC / 5 Amp
30 DC / 5 Amp	30 DC / 5 Amp
150 DC / 0,2 Amp	150 DC / 0,2 Amp
FREQUENZA INSERZIONE	**CONNECTION FREQUENCY**
Max. 120 cicli/min	Max. 120 cycles/min
PROTEZIONE	**PROTECTION**
IP65	IP65
CORRENTE CONTINUA CON CARICO INDUTTIVO	**DIRECT CURRENT WITH INDUCTIVE LOAD**
È possibile prevedere uno spegniarco	It is suggested to provide an arching contact
NORME DI INSTALLAZIONE	**INSTALLATION RULES**
I pressostati FT-IPH possono essere montati in qualsiasi posizione	The pressure switches type FT-IPH can be mounted in any position
FLUIDO DA UTILIZZARE	**FLUID TO BE USED**
Olio idraulico a norme DIN 51524 con viscosità compresa tra 30 e 100 mm2/s (cSt) a 40°C	Hydraulic oil in compliance with DIN 51524 rules, viscosity between 30 and 100 mm2/s (cSt) at 40°C
GRADO DI FILTRAZIONE µm	**FILTRATION GRADE µm**
25	25
TEMPERATURA DI UTILIZZO	**TEMPERATURE RANGE**
-20° ÷ + 75 °C	-20° ÷ + 75°C

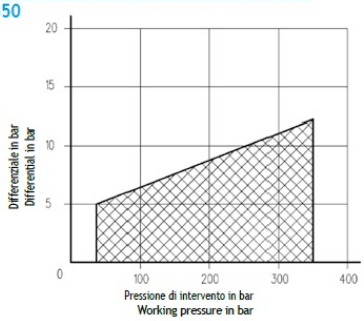
PRESSIONE DIFFERENZIALE • DIFFERENTIAL PRESSURE
FT-IPN-035



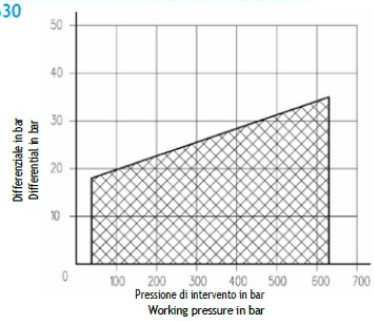
PRESSIONE DIFFERENZIALE • DIFFERENTIAL PRESSURE
FT-IPN-150



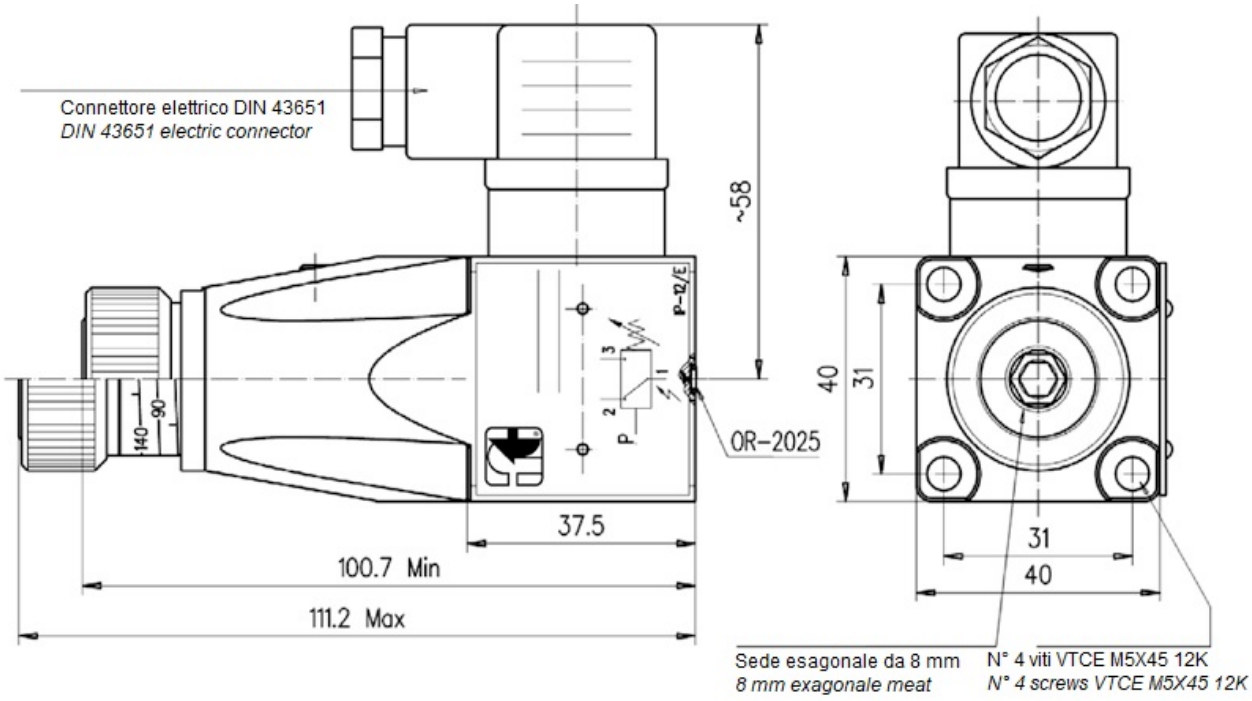
PRESSIONE DIFFERENZIALE • DIFFERENTIAL PRESSURE
FT-IPN-350



PRESSIONE DIFFERENZIALE • DIFFERENTIAL PRESSURE
FT-IPN-630



Dimensional tables and drawings



Adjusting range (BAR)

TIPO / TYPE	CAMPO DI REGOLAZIONE (Bar) / ADJUSTING RANGE (Bar)	TOLLERANZA A 20° (Bar) / TOLERANCE AT 20° (Bar)
FT-IPN-035	6 ÷ 35	< ± 1%
FT-IPN-150	12 ÷ 150	< ± 1%
FT-IPN-350	30 ÷ 350	< ± 1%
FT-IPN-630	50 ÷ 630	< ± 1%