



Piston electro-hydraulic pressure switches for hydraulic applications

FT-IPNB

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

Carbon Steel / Aluminium

220Vac

SPDT

IP65

DIN 43650/A

Piston



Technical information

Technical description

The version IPNB is characterized by an aluminium body construction with red anodized treatment that makes the component design particularly attractive and easily identifiable on the plant on which it is mounted. The series IPNB preserves the peculiarities of precision, reliability and robustness already appreciated on series IPN.

Materials

| | |
|---|--|
| CORPO / BODY | Alluminio anodizzato rosso/Red anodized aluminium |
| MANOPOLA DI REGOLAZIONE / ADJUSTING KNOB | Alluminio/Aluminium |
| ADATTATORI / ADAPTORS | Acciaio al carbonio/Carbon Steel |



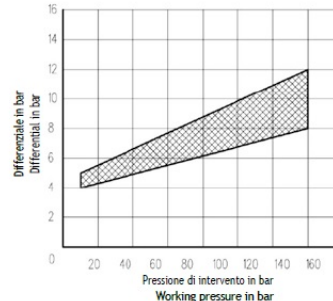
Technical data

| 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 mm ² /s (cSt) a 40°C | Hydraulic oil in compliance with DIN 51524 rules, viscosity between 30 and 100 mm ² /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 |

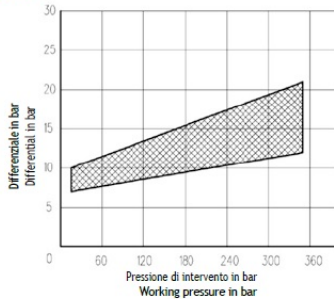
PRESSIONE DIFFERENZIALE • DIFFERENTIAL PRESSURE
FT-IPNB-035



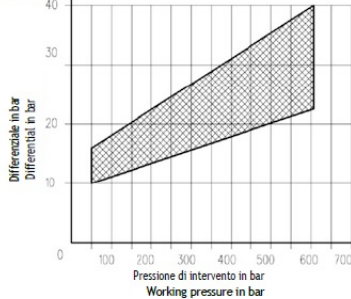
PRESSIONE DIFFERENZIALE • DIFFERENTIAL PRESSURE
FT-IPNB-150



PRESSIONE DIFFERENZIALE • DIFFERENTIAL PRESSURE
FT-IPNB-350

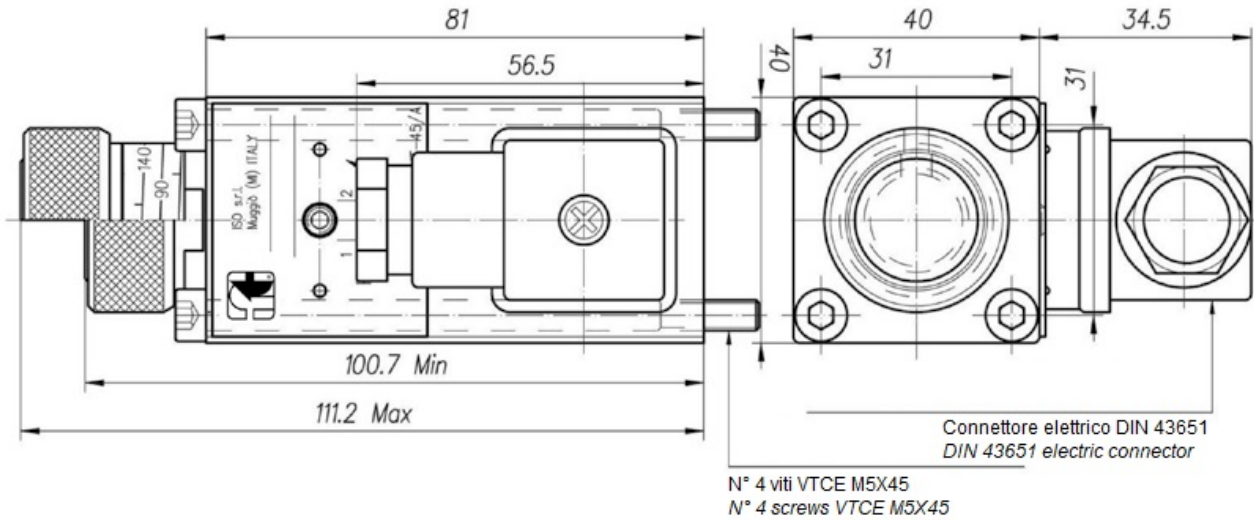


PRESSIONE DIFFERENZIALE • DIFFERENTIAL PRESSURE
FT-IPNB-630





Dimensional tables and drawings



Adjusting range (BAR)

| TIPO / TYPE | CAMPO DI REGOLAZIONE (Bar) / ADJUSTING RANGE (Bar) | TOLLERANZA A 20° (Bar) / TOLERANCE AT 20° (Bar) | PRESSIONE MAX DI ESERCIZIO / MAX WORKING PRESSURE |
|-------------|---|--|--|
| FT-IPNB-035 | 6 ÷ 35 | < ± 1% | 350 |
| FT-IPNB-150 | 12 ÷ 150 | < ± 1% | 350 |
| FT-IPNB-350 | 30 ÷ 350 | < ± 1% | 650 |
| FT-IPNB-630 | 50 ÷ 630 | < ± 1% | 650 |