

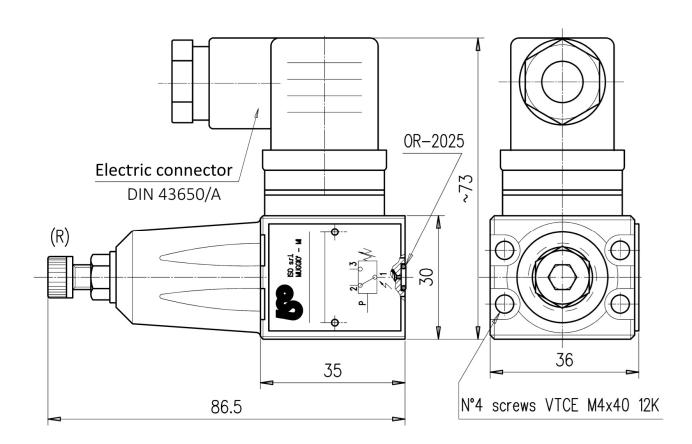
Characteristics

| TYPE | PRESSURE SETTING RANGE | MAX WORKING PRESSURE | REPEATABILITY | WEIGHT |
|---------|---------------------------|-------------------------|-------------------|----------|
| IPH-035 | 6-35 bar | 250 bar | < ± 1% of setting | 0.35 Kg. |
| IPH-150 | 12-150 bar | 250 bai | | |
| IPH-250 | 15-250 bar | | | |
| IPH-350 | 30-350 bar | 650 bar | | |
| IPH-630 | 50-630 bar | | | |

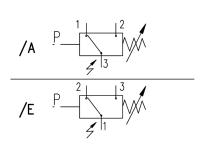
Description

Piston operated, fixed differential, electro-hydraulic pressure switch equipped with electric contact in exchange. When pre-set pressure is achieved, the piston actuates a microswitch. The setting adjustment is achieved by means of a grub screw (R).

Dimensions

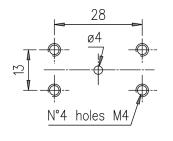


Symbol



Contacts

Flange interface

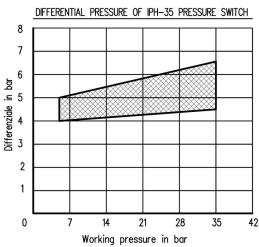


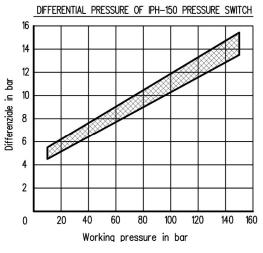


Electric characteristics

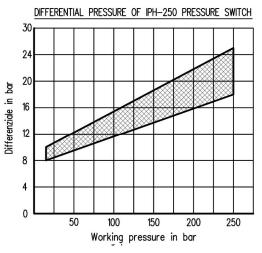
| Voltage (V) | 125 AC | 250 AC | 30 DC | 150 DC | |
|--|---|--------|--------|-----------|--|
| Max current (Resistive load) | 7 Amp. | 5 Amp. | 5 Amp. | 0.2 Amp. | |
| Max current (Inductive load) Cos ϕ = 0.4 | 4 Amp. | 2 Amp. | 3 Amp. | 0.02 Amp. | |
| Connection frequency | Max. 120 cycles/min | | | | |
| Protection | IP-65 | | | | |
| Direct current with inductive load | It is suggested to provide an arching contact | | | | |
| Contact resistance | 15 mΩ | | | | |

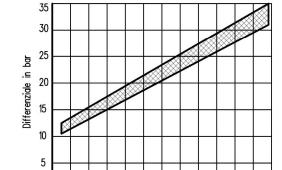
Diagram





DIFFERENTIAL PRESSURE OF IPH-350 PRESSURE SWITCH





120

180

Working pressure in bar

240

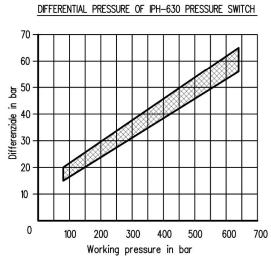
300

360

2/4

0

60

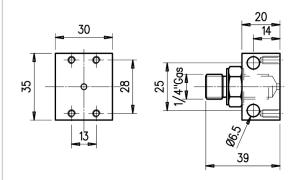


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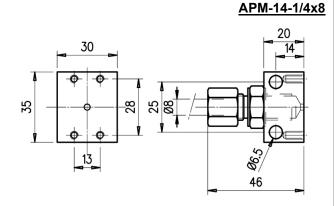
Adaptor

APM-14



It allows the pressure switch mounting:

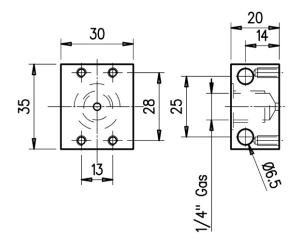
- panel-mounted adaptor by using n.2 ø 6.5 holes
- equipped with 1/4" BSP nipple



It allows the pressure switch mounting:

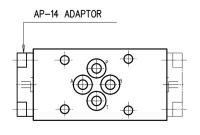
- panel-mounted adaptor by using n.2 ø 6.5 holes
- equipped with 1/4" BSP tang for ø 8 hose

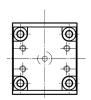
APH-14



It allows the pressure switch mounting: panel-mounted adaptor by using n.2 $\,$ Ø 6.5 holes.

SBM-03/210-IP-**

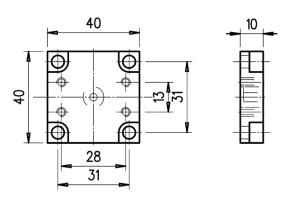




When you order, replace the asterisks with the port/ports on which the device will be mounted.

Es. SBM-03/210-IP-B = Pressure switch operating on B port.

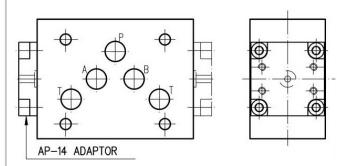
AP-14



It allows the pressure switch mounting:

- as a replacement of pressure switches type IP
- together with modular subplate type SBM (see on side)

SBM-05/210-IP-**



When you order, replace the asterisks with the port/ports on which the device will be mounted.

Es. SBM-05/210-IP-B = Pressure switch operating on B port.

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Installation rules

- The pressure switches type IPH can be mounted in any position
- Fluid to be used: hydraulic oil in compliance with DIN 51524 rules, viscosity between 30 and 100 mm²/s (cSt) at 40°C
- Recommended filtration of 25µ
- Hydraulic fluid temperature: from -20° to +75°C

Ordering code

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| PH - *** / * | /A = electric contacts type A /E = electric contacts type E
| Pressure setting: 035=6-35 bar 150=12-150 bar 250=15-250 bar 350=30-350 bar 630=50-630 bar
| Pressure switch
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The product has not to be used as safety device as stated in Article 1, paragraph 2, letter D of Legislative Decree N° 93 dated 25/02/2000.

The component has been designed and manufactured meeting the requirements stated in Directive 97/23/CE (Legislative Decree N° 93/00).

The component is included in the category provided in Article 3, paragraph 3, for which it can be commercialized without CE marking.

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