

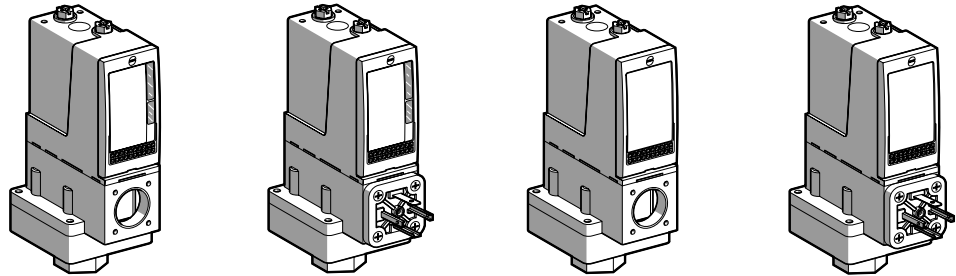
Electromechanical pressure switches - Nautilus®

Size 4 bar (58 psi). For regulation between 2 thresholds (adjustable differential)
 Fluid connection 1/4" BSP female
 Switches with single-pole C/O contact

Accessories :
 page 38
 Dimensions :
 pages 39 to 41

References, characteristics

| | | |
|------------------------------|--------------------|-----------------------|
| Pressure switches type XML-B | With setting scale | Without setting scale |
|------------------------------|--------------------|-----------------------|



| | | | | |
|---|-------------------------------------|---------------|-----------|---------------|
| Adjustable range of switching point (PH) (Rising pressure) | 0.25...4 bar (3.62...58 psi) | | | |
| Electrical connections | Terminals | DIN connector | Terminals | DIN connector |

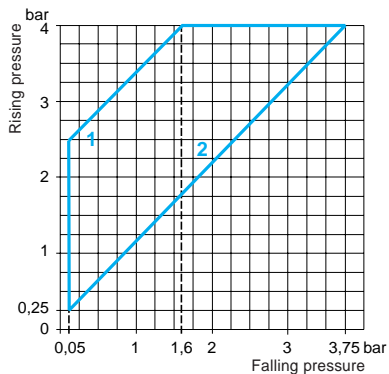
References

| | | | | |
|--|----------------------|----------------------|----------------------|----------------------|
| Fluids controlled (1) | | | | |
| Hydraulic oils, fresh water, sea water, air, up to + 70°C | XML-B004A2S11 | XML-B004A2C11 | XML-B004A1S11 | XML-B004A1C11 |
| Hydraulic oils, fresh water, sea water, air, up to + 160°C | XML-B004B2S11 | XML-B004B2C11 | XML-B004B1S11 | XML-B004B1C11 |
| Corrosive fluids, up to + 160°C | XML-B004C2S11 | XML-B004C2C11 | XML-B004C1S11 | XML-B004C1C11 |
| Weight (kg) | 1.015 | 1.030 | 1.015 | 1.030 |

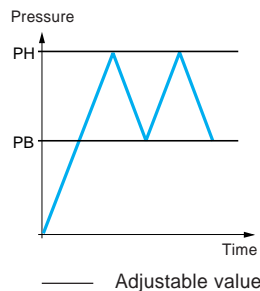
Complementary characteristics not shown under general characteristics (page 11)

| | | |
|---|--------------------------|---|
| Possible differential (subtract from PH to give PB) | Min. at low setting (2) | 0.2 bar (2.9 psi) |
| | Min. at high setting (3) | 0.25 bar (3.62 psi) |
| | Max. at high setting | 2.4 bar (34.8 psi) |
| Maximum permissible pressure | Per cycle | 5 bar (72.5 psi) |
| | Occasional surge | 9 bar (130.5 psi) |
| Destruction pressure | | 18 bar (261 psi) |
| Mechanical life | | 8 x 10 ⁶ operating cycles |
| Cable entry for terminal models | | 1 entry tapped for n°13 cable gland, conforming to NF C 68-300 (DIN Pg 13.5). Clamping capacity : Ø 9 to 13 mm. |
| Connector type for connector models | | DIN 43650A, 4-pin male. For suitable female connector, see page 38. |
| Pressure switch type | | Diaphragm |

Operating curves



1 Maximum differential
 2 Minimum differential



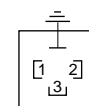
Connections

Terminal model



Connector model

Switch connector pin view



1 → 11 and 13
 2 → 12
 3 → 14

- (1) Check the compatibility of the switch for the fluid to be controlled (compatibility tables shown on pages 66 to 75).
- (2) Deviation of the differential at low setting point for switches of the same size : ± 0.01 bar (± 0.14 psi).
- (3) Deviation of the differential at high setting point for switches of the same size : - 0.03 bar, + 0.05 bar (- 0.43 psi, + 0.72 psi).

Other versions

Pressure switches with alternative tapped entries : ISO, NPT, etc.
 Please consult your Regional customer centre.