

- Zinc-plated steel body (CrVI-free)
- With socket device similar to DIN EN 175301 (DIN 43650)
- With changeover switch and silver contacts
- Overpressure safe up to 100 / 300 / 600 bar¹⁾
- Hysteresis adjustable at works



| p _{max.} in bar | Adjustment range in bar | Tolerance at room temperature | Thread | Order number: |
|-----------------------------|----------------------------|----------------------------------|--------|---------------|
|-----------------------------|----------------------------|----------------------------------|--------|---------------|

0184 Diaphragm pressure switch

| | | | | | | | |
|-------------------|-----------|-------|-------------|------|--------|---|-----|
| 100 ¹⁾ | 0.3 – 1.5 | ± 0.2 | M 10x1 con. | 0184 | 457 01 | X | 001 |
| | | | M 12x1.5 | 0184 | 457 02 | X | 002 |
| | | | G 1/4 | 0184 | 457 03 | X | 003 |
| | | | NPT 1/8 | 0184 | 457 04 | X | 318 |
| | | | NPT 1/4 | 0184 | 457 09 | X | 314 |
| | | | 7/16-20 UNF | 0184 | 457 20 | X | 301 |
| | | | 9/16-18 UNF | 0184 | 457 21 | X | 302 |

| | | | | | | | |
|--|--------|-------|-------------|------|--------|---|-----|
| | 1 – 10 | ± 0.5 | M 10x1 con. | 0184 | 458 01 | X | 040 |
| | | | M 12x1.5 | 0184 | 458 02 | X | 041 |
| | | | G 1/4 | 0184 | 458 03 | X | 042 |
| | | | NPT 1/8 | 0184 | 458 04 | X | 343 |
| | | | NPT 1/4 | 0184 | 458 09 | X | 340 |
| | | | 7/16-20 UNF | 0184 | 458 20 | X | 341 |
| | | | 9/16-18 UNF | 0184 | 458 21 | X | 342 |

| | | | | | | | |
|-------------------|---------|-------|-------------|------|--------|---|-----|
| 300 ¹⁾ | 10 – 50 | ± 3.0 | M 10x1 con. | 0184 | 459 01 | X | 007 |
| | | | M 12x1.5 | 0184 | 459 02 | X | 008 |
| | | | G 1/4 | 0184 | 459 03 | X | 009 |
| | | | NPT 1/8 | 0184 | 459 04 | X | 320 |
| | | | NPT 1/4 | 0184 | 459 09 | X | 311 |
| | | | 7/16-20 UNF | 0184 | 459 20 | X | 305 |
| | | | 9/16-18 UNF | 0184 | 459 21 | X | 306 |

| | | | | | | | |
|--|----------|------------|-------------|------|--------|---|-----|
| | 10 – 100 | ± 3.0– 5.0 | M 10x1 con. | 0184 | 461 01 | X | 010 |
| | | | M 12x1.5 | 0184 | 461 02 | X | 011 |
| | | | G 1/4 | 0184 | 461 03 | X | 012 |
| | | | NPT 1/8 | 0184 | 461 04 | X | 321 |
| | | | NPT 1/4 | 0184 | 461 09 | X | 312 |
| | | | 7/16-20 UNF | 0184 | 461 20 | X | 307 |
| | | | 9/16-18 UNF | 0184 | 461 21 | X | 308 |

0185 Piston pressure switch

| | | | | | | | |
|-------------------|----------|-------|-------------|------|--------|---|-----|
| 600 ¹⁾ | 50 – 200 | ± 5.0 | M 10x1 con. | 0185 | 460 01 | X | 001 |
| | | | M 12x1.5 | 0185 | 460 02 | X | 002 |
| | | | G 1/4 | 0185 | 460 03 | X | 003 |
| | | | NPT 1/8 | 0185 | 460 04 | X | 304 |
| | | | NPT 1/4 | 0185 | 460 09 | X | 303 |
| | | | 7/16-20 UNF | 0185 | 460 20 | X | 301 |
| | | | 9/16-18 UNF | 0185 | 460 21 | X | 302 |

Diaphragm / seal material – areas of application

| | | |
|------|--|---|
| NBR | Hydraulic / machine oil, heating oil, air, nitrogen etc. | 1 |
| EPDM | Brake fluid, ozone, acetylene, hydrogen etc. | 2 |
| FKM | Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline etc. | 3 |

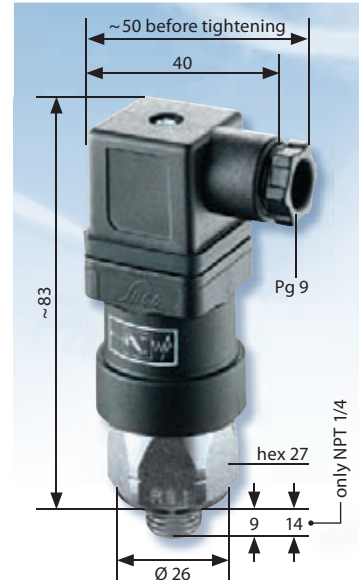
Temperature ranges of diaphragm / seal materials see page 26

| | |
|----------------------|--------------------------------|
| Order number: | 018X - XXX XX - X - XXX |
|----------------------|--------------------------------|

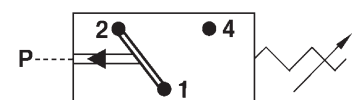
Piston pressure switches are only to a limited extent suitable for use with gases.
See explanation on page 9.

¹⁾ Static pressure, dynamic pressures should be 30 to 50% lower. These values refer to the hydraulic or pneumatic part of the pressure switch.

With male thread



- Our pressure switches are also available with factory preset switching points.
- Ready-wired versions can be found starting on page 38 following.
- We offer other body materials and connecting threads upon request.
- Other diaphragm- / seal materials are available on request, e.g. HNBR or silicone for diaphragm pressure switches.
- For further technical data see page 26/27.



Accessories see page 28