



**technische import**

# SUCO Productinformatie

# 0141



SUCO Robert Scheuffele GmbH & Co. KG

# 0140 / 0141

## Diaphragm / piston pressure switches 250 V

- Protection class 2, protective insulation
- Zinc-plated steel (CrVI-free)
- Changeover with silver contacts
- Overpressure safety up to 300 / 600 bar<sup>1)</sup>
- Includes polyamide cap, protection class IP65

| P <sub>max.</sub><br>in bar | Adjustment<br>range in bar | Tolerance in bar at<br>room temperature | Male thread | Order number |
|-----------------------------|----------------------------|---|-------------|--------------|
|-----------------------------|----------------------------|---|-------------|--------------|

### 0140 Diaphragm pressure switches with screw terminals

| P <sub>max.</sub><br>in bar | Adjustment<br>range in bar | Tolerance in bar at<br>room temperature | Order number            |                         |
|-----------------------------|----------------------------|---|-------------------------|-------------------------|
|                             |                            |   | Male thread             | Order number            |
| 300 <sup>1)</sup>           | 0.3 – 1.5                  | ± 0.2                                   | G 1/4                   | 0140 – 457 03 – X – 003 |
|                             |                            |   | NPT 1/8                 | 0140 – 457 04 – X – 300 |
|                             |                            |   | NPT 1/4                 | 0140 – 457 09 – X – 305 |
|                             |                            |   | 7/16-20 UNF             | 0140 – 457 20 – X – 310 |
|                             |                            |   | 9/16-18 UNF             | 0140 – 457 21 – X – 315 |
|                             | 1 – 10                     | ± 0.5                                   | G 1/4                   | 0140 – 458 03 – X – 006 |
|                             |                            |   | NPT 1/8                 | 0140 – 458 04 – X – 301 |
|                             |                            |   | NPT 1/4                 | 0140 – 458 09 – X – 306 |
|                             |                            |   | 7/16-20 UNF             | 0140 – 458 20 – X – 311 |
|                             |                            |   | 9/16-18 UNF             | 0140 – 458 21 – X – 316 |
|                             | 10 – 20                    | ± 1.0                                   | G 1/4                   | 0140 – 459 03 – X – 009 |
|                             |                            |   | NPT 1/8                 | 0140 – 459 04 – X – 302 |
|                             |                            |   | NPT 1/4                 | 0140 – 459 09 – X – 307 |
|                             |                            |   | 7/16-20 UNF             | 0140 – 459 20 – X – 312 |
|                             |                            |   | 9/16-18 UNF             | 0140 – 459 21 – X – 317 |
|                             | 20 – 50                    | ± 2.0                                   | G 1/4                   | 0140 – 461 03 – X – 012 |
| NPT 1/8                     |                            |   | 0140 – 461 04 – X – 303 |                         |
| NPT 1/4                     |                            |   | 0140 – 461 09 – X – 308 |                         |
| 7/16-20 UNF                 |                            |   | 0140 – 461 20 – X – 313 |                         |
| 9/16-18 UNF                 |                            |   | 0140 – 461 21 – X – 318 |                         |

### 0141 Piston pressure switches with screw terminals

| P <sub>max.</sub><br>in bar | Adjustment<br>range in bar | Tolerance in bar at<br>room temperature | Order number |                         |
|-----------------------------|----------------------------|---|--------------|-------------------------|
|                             |                            |   | Male thread  | Order number            |
| 600 <sup>1)</sup>           | 50 – 150                   | ± 5.0                                   | G 1/4        | 0141 – 460 03 – X – 003 |
|                             |                            |   | NPT 1/8      | 0141 – 460 04 – X – 304 |
|                             |                            |   | NPT 1/4      | 0141 – 460 09 – X – 309 |
|                             |                            |   | 7/16-20 UNF  | 0141 – 460 20 – X – 314 |
|                             |                            |   | 9/16-18 UNF  | 0141 – 460 21 – X – 319 |

### Seal material – Application areas

| Seal material | Application areas                                       | Code |
|---------------|---|------|
| NBR           | Hydraulic/machine oil, heating oil, air, nitrogen, etc. | 1    |
| EPDM          | Brake fluid, hydrogen, oxygen, acetylene, etc.          | 2    |
| FKM           | Hydraulic fluids (HFA, HFB, HFD), petrol/gasoline, etc. | 3    |
| HNBR          | Hydraulic/machine oil, ester-based bio-oils             | 9    |

Refer to page 53 for the temperature range and application thresholds of sealing materials.

Your order number: **014X – XXX XX – X – XXX**

M.4

hex 27



<sup>1)</sup> Static value. Dynamic value is 30-50 % lower. Values pertain to the hydraulic/pneumatic part of the pressure switch.



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