



| Materials   |   |                         |                                 |
|---|---|-------------------------|---------------------------------|
| Pressure port / housing   | stainless steel 1.4301 (304)                                  |                         |                                 |
| Seals   | FKM   |                         |                                 |
| Diaphragm   | stainless steel 1.4435 (316 L)                                |                         |                                 |
| Media wetted parts  | pressure port, seals, diaphragm                               |                         |                                 |
| Miscellaneous   |   |                         |                                 |
| Weight  | approx. 120 g   |                         |                                 |
| Current consumption   | 2-wire: max. 25 mA  |                         | 3-wire ratiometric: typ. 1.5 mA |
|   | 3-wire voltage: max. 7 mA (short circuit current: max. 20 mA) |                         |                                 |
| CE-conformity   | EMC Directive: 2004/108/EC                                    |                         |                                 |
| Wiring diagrams   |   |                         |                                 |
| 2-wire-system (current)   |   | 3-wire-system (voltage) |                                 |
|   |   |                         |                                 |
| Pin configuration   |   |                         |                                 |
| Electrical connection   | ISO 4400  | M12x1 (4-pin)           | cable colours (DIN 47100)       |
| Supply +  | 1   | 1                       | wh (white)                      |
| Supply -  | 2   | 2                       | bn (brown)                      |
| Signal + (for 3-wire)   | 3   | 3                       | gn (green)                      |
| Shield  | ground pin  | 4                       | ye/gn (yellow / green)          |
| Electrical connections (dimensions in mm)   |   |                         |                                 |
|   |   |                         |                                 |
| <sup>3</sup> standard: 2 m PVC cable without ventilation tube (permissible temperature: -5 ... 70 °C)<br><sup>4</sup> different cable types and lengths available, permissible temperature depends on kind of cable |   |                         |                                 |
| Mechanical connection (dimensions in mm)  |   |                         |                                 |
|   |   |                         |                                 |

This data sheet contains product specification, properties are not guaranteed. Subject to change without notice.

## Ordering code 18.601 G

18.601 G -         -   -   -         -       -         -              

| Input                 | [bar]  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|-----------------------|--|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|---------|
|                       | 0.10 <sup>1</sup>                            | 1 | 0 | 0 | 0 |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 0.16 <sup>1</sup>                            | 1 | 6 | 0 | 0 |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 0.25   | 2 | 5 | 0 | 0 |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 0.40   | 4 | 0 | 0 | 0 |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 0.60   | 6 | 0 | 0 | 0 |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 1.0  | 1 | 0 | 0 | 1 |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 1.6  | 1 | 6 | 0 | 1 |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 2.5  | 2 | 5 | 0 | 1 |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 4.0  | 4 | 0 | 0 | 1 |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 6.0  | 6 | 0 | 0 | 1 |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | customer                                     | 9 | 9 | 9 | 9 |   |  |  |  |  |  |  |  |  |  |  | consult |
| Pressure              |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | gauge  |   |   |   |   | R |  |  |  |  |  |  |  |  |  |  |         |
| Output                |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 4 ... 20 mA / 2-wire                         |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 0 ... 10 V / 3-wire                          |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 0.5 ... 4.5 V / 3-wire ratiometric           |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | customer                                     |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  | consult |
| Accuracy              |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 0.5 % FSO                                    |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | customer                                     |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  | consult |
| Electrical connection |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | Male and female plug ISO 4400                |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | Male plug M12x1 (4-pin), plastic             |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | Cable outlet with 2 m PVC cable <sup>2</sup> |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | customer                                     |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  | consult |
| Mechanical connection |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | G1/4" DIN 3852                               |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | G1/4" EN 837                                 |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | 1/4" NPT                                     |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | G1/2" EN 837                                 |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | customer                                     |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  | consult |
| Seals                 |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | FKM  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | customer                                     |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  | consult |
| Special version       |  |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | standard                                     |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  |         |
|                       | customer                                     |   |   |   |   |   |  |  |  |  |  |  |  |  |  |  | consult |

<sup>1</sup> for pressure ranges ≤ 160 mbar accuracy is ≤ ± 1 % FSO  
<sup>2</sup> standard: 2 m PVC cable without ventilation tube (permissible temperature: -5 ... 70 °C)

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