

**064G5221****Pressure transmitter, MBS 9300, 0 mbar - 40 mbar, 0 psi - 0.58 psi**

Pressure reference: Gauge (relative), Output signal: Current, Electrical connection: Angular connector, Pressure connection type: G, Pressure connection size: 1/4, Specification key: MBS 9300-B111-A1GB04-1

**PRODUCT DETAILS**

|  |  |
|--|--|
| <b>Gross weight</b>                            | 0.176 Kilogram                                     |
| <b>Net weight</b>                              | 0.161 Kilogram                                     |
| <b>Volume</b>                                  | 0.253 Liter  |
| <b>EAN</b>                                     | 5702428881869                                      |
| <b>Type</b>                                    | MBS 9300   |
| <b>Product group</b>                           | Sensors  |
| <b>Product Name Description</b>                | Pressure transmitter                               |
| <b>+ supply</b>                                | Pin 1  |
| <b>- common</b>                                | Pin 2  |
| <b>Acc. @ ref. Temp. ±FS typ. [%]</b>          | 2 %  |
| <b>Ambient temperature range [°C]</b><br>[max] | 100 °C   |
| <b>Ambient temperature range [°C]</b><br>[min] | -25 °C   |
| <b>Burst pressure [bar]</b>                    | 50 bar   |
| <b>CE evaluated</b>                            | Yes  |
| <b>China RoHS compliance</b>                   | Out of scope                                       |
| <b>Compensated temp. range [°C]</b><br>[max]   | 80 °C  |
| <b>Compensated temp. range [°C]</b><br>[min]   | 0 °C   |
| <b>Contains batteries</b>                      | No   |
| <b>Durability P @ 10-90% FS</b>                | 10000000   |
| <b>EEE category</b>                            | 5 small equipment (any external dimension < 50 cm) |
| <b>Electrical conn. Male/Female</b>            | Male   |
| <b>Electrical connection</b>                   | Angular connector                                  |
| <b>Electrical connection size</b>              | Pg 9   |
| <b>Electrical connection standard</b>          | EN 175301-803-A                                    |
| <b>Enclosure rating IP</b>                     | IP65   |
| <b>EU RoHS compliance</b>                      | Yes with exemptions                                |
| <b>EU RoHS exemption clause</b>                | 6(c)   |
| <b>Hysteresis and repeat. [±FS%]</b>           | 0.1 %  |
| <b>In scope of WEEE</b>                        | Yes  |
| <b>Intrinsically safe</b>                      | No   |
| <b>Medium temperature range [°C]</b><br>[max]  | 125 °C   |
| <b>Medium temperature range [°C]</b><br>[min]  | -20 °C   |

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**Product Detail | Pressure transmitter, MBS 9300, 0 mbar - 40 mbar, 0 psi - 0.58 psi**
**PRODUCT DETAILS**

|   |                                      |
|---|--------------------------------------|
| <b>Mount.pos. err. @ 180°[±FS%]</b>         | 1.25 %                               |
| <b>Non-linearity BFSL [±FS%]</b>            | 0.2 %                                |
| <b>Output signal</b>                        | Current                              |
| <b>Output signal [mA] [max]</b>             | 20 mA                                |
| <b>Output signal [mA] [min]</b>             | 4 mA                                 |
| <b>Overload pressure max. [bar]</b>         | 3.5 bar                              |
| <b>Packing format</b>                       | Multi pack                           |
| <b>Pressure connection HEX [mm]</b>         | 27 mm                                |
| <b>Pressure connection notes</b>            | A                                    |
| <b>Pressure connection size</b>             | 1/4                                  |
| <b>Pressure connection standard</b>         | DIN 3852-E                           |
| <b>Pressure connection type</b>             | G                                    |
| <b>Pressure Male/Female</b>                 | Male                                 |
| <b>Pressure range [mbar] [max]</b>          | 40 mbar                              |
| <b>Pressure range [mbar] [min]</b>          | 0 mbar                               |
| <b>Pressure range [psi] [max]</b>           | 0.58 psi                             |
| <b>Pressure range [psi] [min]</b>           | 0 psi                                |
| <b>Pressure reference</b>                   | Gauge (relative)                     |
| <b>Pulse-snubber</b>                        | No                                   |
| <b>Quantity per packing format</b>          | 20 pc                                |
| <b>REACH Candidate List substances</b>      | Lead (CAS no. 7439-92-1)             |
| <b>Recommen. mounting torque [Nm]</b>       | 25 nm                                |
| <b>Reference temperature [°C]</b>           | 25 °C                                |
| <b>SCIP dossier no.</b>                     | 16d2efc6-64f3-4a4e-ae98-a3fd7ce0218d |
| <b>SCIP dossier product name</b>            | AKS/MBS                              |
| <b>Specification key</b>                    | MBS 9300-B111-A1GB04-1               |
| <b>Storage temperature range [°C] [max]</b> | 125 °C                               |
| <b>Storage temperature range [°C] [min]</b> | -40 °C                               |
| <b>Storage temperature range [°F] [max]</b> | 257 °F                               |
| <b>Storage temperature range [°F] [min]</b> | -40 °F                               |
| <b>Supply voltage [V] DC [max]</b>          | 32 V                                 |
| <b>Supply voltage [V] DC [min]</b>          | 9 V                                  |
| <b>TEB inside CTR ±FS [%]</b>               | 5 %                                  |
| <b>UL evaluated</b>                         | Yes                                  |

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