

**060G1133****Pressure transmitter, MBS 3000, 0 bar - 16 bar, 0 psi - 232 psi**

Pressure reference: Gauge (relative), Output signal: Current, Electrical connection: Angular connector, Pressure connection type: G, Pressure connection size: 1/4, Specification key: MBS 3000-2211-A1AB04-0

PRODUCT DETAILS

| | |
|---|---|
| Gross weight | 0.174 Kilogram |
| Net weight | 0.153 Kilogram |
| Volume | 0.41 Liter |
| EAN | 5702423088928 |
| Type | MBS 3000 |
| Product group | Sensors |
| Product Name Description | Pressure transmitter |
| + supply | Pin 1 |
| - common | Pin 2 |
| Accuracy, max. [\pmFS%] | 1 % |
| Accuracy, typical [\pmFS%] | 0.5 % |
| Ambient temperature range [$^{\circ}$C] | 85 $^{\circ}$ C |
| [max] | |
| Ambient temperature range [$^{\circ}$C] | -40 $^{\circ}$ C |
| [min] | |
| Ambient temperature range [$^{\circ}$F] | 185 $^{\circ}$ F |
| [max] | |
| Ambient temperature range [$^{\circ}$F] | -40 $^{\circ}$ F |
| [min] | |
| Approval comments | ATEX Ex ec IIA T4 Gc |
| CE evaluated | Yes |
| China RoHS compliance | Out of scope |
| Compensated temp. range [$^{\circ}$C] | 80 $^{\circ}$ C |
| [max] | |
| Compensated temp. range [$^{\circ}$C] | 0 $^{\circ}$ C |
| [min] | |
| Compensated temp. range [$^{\circ}$F] | 176 $^{\circ}$ F |
| [max] | |
| Compensated temp. range [$^{\circ}$F] | 32 $^{\circ}$ F |
| [min] | |
| Contains batteries | No |
| EEE category | 5 small equipment (any external dimension < 50 cm) |
| Electrical conn. Male/Female | Male and Female |
| Electrical connection | Angular connector |
| Electrical connection size | Pg 9 |
| Electrical connection standard | EN 175301-803-A |
| Enclosure rating IP | IP65 |
| EU RoHS compliance | Yes with exemptions |

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Product Detail | Pressure transmitter, MBS 3000, 0 bar - 16 bar, 0 psi - 232 psi
PRODUCT DETAILS

| | |
|--|--|
| EU RoHS exemption clause | 6(c) |
| Flush diaphragm | No |
| High Clipping Level | 22.4 |
| In scope of WEEE | Yes |
| International Article Number | 5702423088928 |
| Intrinsically safe | No |
| Low Clipping level | 3.6 |
| Medium temperature range [°C] [max] | 85 °C |
| Medium temperature range [°C] [min] | -40 °C |
| Medium temperature range [°F] [max] | 185 °F |
| Medium temperature range [°F] [min] | -40 °F |
| Non-linearity BFSL [±FS%] | 0.5 % |
| Output signal | Current |
| Output signal [mA] [max] | 20 mA |
| Output signal [mA] [min] | 4 mA |
| Overload pressure max. [bar] | 96 bar |
| Overload pressure max. [psi] | 1392 psi |
| Packing format | Multi pack |
| Pressure connection HEX [mm] | 27 mm |
| Pressure connection size | 1/4 |
| Pressure connection standard | EN 837 |
| Pressure connection type | G |
| Pressure Male/Female | Male |
| Pressure range [bar] [max] | 16 bar |
| Pressure range [bar] [min] | 0 bar |
| Pressure range [psi] [max] | 232 psi |
| Pressure range [psi] [min] | 0 psi |
| Pressure reference | Gauge (relative) |
| Pulse-snobber | No |
| Quantity per packing format | 14 pc |
| REACH Candidate List substances | Lead (CAS no. 7439-92-1) |
| Response time max. [ms] | 4 ms |
| SCIP dossier no. | 16d2efc6-64f3-4a4e-ae98- a3fd7ce0218d |
| SCIP dossier product name | AKS/MBS |
| Specification key | MBS 3000-2211-A1AB04-0 |
| Supply voltage [V] DC [max] | 32 V |
| Supply voltage [V] DC [min] | 9 V |
| UL evaluated | Yes |

For Documents, Software, Visuals and more information, please use this link to visit the product page on Danfoss Product Store [🔗](#)