


**060G4302**
**Pressure transmitter, MBS 4201, 0 bar - 60 bar, 0 psi - 870 psi**

Pressure reference: Sealed gauge, Output signal: Current, Electrical connection: Angular connector, Pressure connection type: G, Pressure connection size: 1/2, Specification key: MBS 4201-2831-A1AB08-0

**PRODUCT DETAILS**

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|--|--|
| <b>Gross weight</b>                            | 0.262 Kilogram                                     |
| <b>Net weight</b>                              | 0.213 Kilogram                                     |
| <b>Volume</b>                                  | 0.411 Liter  |
| <b>EAN</b>                                     | 5702423158201                                      |
| <b>Type</b>                                    | MBS 4201   |
| <b>Product group</b>                           | Sensors  |
| <b>Product Name Description</b>                | Pressure transmitter                               |
| <b>+ supply</b>                                | Pin 1  |
| <b>- common</b>                                | Pin 2  |
| <b>Accuracy, max. [<math>\pm</math>FS%]</b>    | 1 %  |
| <b>Accuracy, typical [<math>\pm</math>FS%]</b> | 0.5 %  |
| <b>Adj. zero point and span</b>                | No   |
| <b>Approval</b>                                | ATEX<br>C UL US UL Recognized<br>CE                |
| <b>CE mark</b>                                 | Yes  |
| <b>China RoHS compliance</b>                   | Out of scope                                       |
| <b>Compensated temp. range [°C]<br/>[max]</b>  | 100 °C   |
| <b>Compensated temp. range [°C]<br/>[min]</b>  | 0 °C   |
| <b>Compensated temp. range [°F]<br/>[max]</b>  | 212 °F   |
| <b>Compensated temp. range [°F]<br/>[min]</b>  | 32 °F  |
| <b>Contains batteries</b>                      | No   |
| <b>EEE category</b>                            | 5 small equipment (any external dimension < 50 cm) |
| <b>Electrical conn. Male/Female</b>            | Male and Female                                    |
| <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>EX Sales text</b>                           | Ex ia IIC T5..T4 Ga/Gb                             |
| <b>Flush diaphragm</b>                         | No   |
| <b>High Clipping Level</b>                     | 22.4   |
| <b>Identical product</b>                       | 060G4302   |

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**PRODUCT DETAILS**

|  |  |
|--|--|
| <b>In scope of WEEE</b>                        | Yes                                      |
| <b>International Article Number</b>            | 5702423158201                            |
| <b>Intrinsically safe</b>                      | Yes                                      |
| <b>Low Clipping level</b>                      | 3.6                                      |
| <b>Medium temperature range [°C]<br/>[max]</b> | 125 °C                                   |
| <b>Medium temperature range [°C]<br/>[min]</b> | -40 °C                                   |
| <b>Medium temperature range [°F]<br/>[max]</b> | 257 °F                                   |
| <b>Medium temperature range [°F]<br/>[min]</b> | -40 °F                                   |
| <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>            | 360 bar                                  |
| <b>Overload pressure max. [psi]</b>            | 5221 psi                                 |
| <b>Packing format</b>                          | Multi pack                               |
| <b>Pressure connection HEX [mm]</b>            | 27 mm                                    |
| <b>Pressure connection size</b>                | 1/2                                      |
| <b>Pressure connection standard</b>            | EN 837                                   |
| <b>Pressure connection type</b>                | G  |
| <b>Pressure Male/Female</b>                    | Male                                     |
| <b>Pressure range [bar] [max]</b>              | 60 bar                                   |
| <b>Pressure range [bar] [min]</b>              | 0 bar                                    |
| <b>Pressure range [psi] [max]</b>              | 870 psi                                  |
| <b>Pressure range [psi] [min]</b>              | 0 psi                                    |
| <b>Pressure reference</b>                      | Sealed gauge                             |
| <b>Pulse-snobber</b>                           | No                                       |
| <b>Quantity per packing format</b>             | 14 pc                                    |
| <b>REACH Candidate List substances</b>         | Lead (CAS no. 7439-92-1)                 |
| <b>Response time max. [ms]</b>                 | 4 ms                                     |
| <b>SCIP dossier no.</b>                        | 16d2efc6-64f3-4a4e-ae98-<br>a3fd7ce0218d |
| <b>SCIP dossier product name</b>               | AKS/MBS                                  |
| <b>Specification key</b>                       | MBS 4201-2831-A1AB08-0                   |
| <b>Supply voltage [V] DC [max]</b>             | 28 V                                     |
| <b>Supply voltage [V] DC [min]</b>             | 10 V                                     |
| <b>UL mark</b>                                 | Yes                                      |

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

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## Accessories

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### **060G0252** [↗](#)

#### **Accessories, sensors, Process con. adapter**

Used for product: AKS/MBS, Parts included: Pulse snubber; Adapter G 1/2, Packing format: Multi pack, Quantity per packing format: 6

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### **060G1021** [↗](#)

#### **Accessories, sensors, Process con. adapter**

Used for product: AKS/MBS, Parts included: Adapter G1/2 fe-G1/4 ma, Packing format: Multi pack, Quantity per packing format: 120

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### **060G1023** [↗](#)

#### **Accessories, sensors, Process con. adapter**

Used for product: AKS/MBS, Parts included: Adapter G1/2 fe-G3/8 ma, Packing format: Multi pack, Quantity per packing format: 120

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### **060G1024** [↗](#)

#### **Accessories, sensors, Process con. adapter**

Used for product: AKS/MBS, Parts included: Adapter G1/2 fe-1/4 Flare ma, Packing format: Multi pack, Quantity per packing format: 120

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