

**060G1142****Pressure transmitter, MBS 3000, 0 bar - 10.3 bar, 0 psi - 150 psi**

Pressure reference: Sealed gauge, Output signal: Current, Electrical connection: Angular connector, Pressure connection type: NPT, Pressure connection size: 1/4-18, Specification key: MBS 3000-6031-A1AC04-0

**PRODUCT DETAILS**

<b>Gross weight</b>	0.172 Kilogram
<b>Net weight</b>	0.157 Kilogram
<b>Volume</b>	0.424 Liter
<b>EAN</b>	5702423091805
<b>Type</b>	MBS 3000
<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>Ambient temperature range [<math>^{\circ}</math>C]</b> [max]	85 $^{\circ}$ C
<b>Ambient temperature range [<math>^{\circ}</math>C]</b> [min]	-40 $^{\circ}$ C
<b>Ambient temperature range [<math>^{\circ}</math>F]</b> [max]	185 $^{\circ}$ F
<b>Ambient temperature range [<math>^{\circ}</math>F]</b> [min]	-40 $^{\circ}$ F
<b>Approval comments</b>	ATEX Ex ec IIA T4 Gc
<b>CE evaluated</b>	Yes
<b>China RoHS compliance</b>	Out of scope
<b>Compensated temp. range [<math>^{\circ}</math>C]</b> [max]	80 $^{\circ}$ C
<b>Compensated temp. range [<math>^{\circ}</math>C]</b> [min]	0 $^{\circ}$ C
<b>Compensated temp. range [<math>^{\circ}</math>F]</b> [max]	176 $^{\circ}$ F
<b>Compensated temp. range [<math>^{\circ}</math>F]</b> [min]	32 $^{\circ}$ F
<b>Contains batteries</b>	No
<b>EEE category</b>	5 small equipment (any external dimension &lt; 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

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 - 10.3 bar, 0 psi - 150 psi**
**PRODUCT DETAILS**

<b>EU RoHS compliance</b>	Yes with exemptions
<b>EU RoHS exemption clause</b>	6(c)
<b>Flush diaphragm</b>	No
<b>High Clipping Level</b>	22.4
<b>In scope of WEEE</b>	Yes
<b>International Article Number</b>	5702423091805
<b>Intrinsically safe</b>	No
<b>Low Clipping level</b>	3.6
<b>Medium temperature range [°C] [max]</b>	85 °C
<b>Medium temperature range [°C] [min]</b>	-40 °C
<b>Medium temperature range [°F] [max]</b>	185 °F
<b>Medium temperature range [°F] [min]</b>	-40 °F
<b>Non-linearity BFSL [±FS%]</b>	0.5 %
<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>	62 bar
<b>Overload pressure max. [psi]</b>	900 psi
<b>Packing format</b>	Multi pack
<b>Pressure connection HEX [mm]</b>	27 mm
<b>Pressure connection size</b>	1/4-18
<b>Pressure connection standard</b>	ANSI/ASME B1.20.1
<b>Pressure connection type</b>	NPT
<b>Pressure Male/Female</b>	Male
<b>Pressure range [bar] [max]</b>	10.3 bar
<b>Pressure range [bar] [min]</b>	0 bar
<b>Pressure range [psi] [max]</b>	150 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- a3fd7ce0218d
<b>SCIP dossier product name</b>	AKS/MBS
<b>Specification key</b>	MBS 3000-6031-A1AC04-0
<b>Supply voltage [V] DC [max]</b>	32 V
<b>Supply voltage [V] DC [min]</b>	9 V
<b>UL evaluated</b>	Yes

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

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

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.

## Accessories

---



### **060G0007** [🔗](#)

#### **Accessories, sensors, Electrical connector**

Used for product: AKS/MBS, Parts included: Angular con. PG11 w.knife cont; Gasket, Packing format: Multi pack, Quantity per packing format: 96

---



### **060G0008** [🔗](#)

#### **Accessories, sensors, Electrical connector**

Used for product: AKS/MBS, Parts included: Gasket; Angular con. PG9 w.knife cont., Packing format: Multi pack, Quantity per packing format: 96

---



### **060G1034** [🔗](#)

#### **Accessories, sensors, Cable**

Used for product: AKS/MBS, Parts included: Plug w. 5,0 m cable, Packing format: Multi pack, Quantity per packing format: 8

---



### **060G2850** [🔗](#)

#### **Accessories, sensors, Display**

Used for product: MBS (4-20mA); MBT5560; MBT 3560; AKS (4-20mA), Parts included: Display, Packing format: Single pack, Quantity per packing format: 1

---

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

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.