

**060G1151****Pressure transmitter, MBS 3050, 0 bar - 100 bar, 0 psi - 1450 psi**

Pressure reference: Sealed gauge, Output signal: Current, Electrical connection: Angular connector, Pressure connection type: G, Pressure connection size: 1/4, Specification key: MBS 3050-3031-A1FB04-4

**PRODUCT DETAILS**

<b>Gross weight</b>	0.18 Kilogram
<b>Net weight</b>	0.157 Kilogram
<b>Volume</b>	0.393 Liter
<b>EAN</b>	5702423099900
<b>Type</b>	MBS 3050
<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 [°C]</b> [max]	85 °C
<b>Ambient temperature range [°C]</b> [min]	-40 °C
<b>Ambient temperature range [°F]</b> [max]	185 °F
<b>Ambient temperature range [°F]</b> [min]	-40 °F
<b>Approval</b>	ATEX CE C UL US UL Recognized
<b>Approval comments</b>	ATEX Ex ec IIA T4 Gc
<b>CE mark</b>	Yes
<b>China RoHS compliance</b>	Out of scope
<b>Compensated temp. range [°C]</b> [max]	80 °C
<b>Compensated temp. range [°C]</b> [min]	0 °C
<b>Compensated temp. range [°F]</b> [max]	176 °F
<b>Compensated temp. range [°F]</b> [min]	32 °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

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**Product Detail | Pressure transmitter, MBS 3050, 0 bar - 100 bar, 0 psi - 1450 psi**
**PRODUCT DETAILS**

<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>Flush diaphragm</b>	No
<b>High Clipping Level</b>	22.4
<b>In scope of WEEE</b>	Yes
<b>International Article Number</b>	5702423099900
<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>	600 bar
<b>Packing format</b>	Multi pack
<b>Pressure connection HEX [mm]</b>	27 mm
<b>Pressure connection size</b>	1/4
<b>Pressure connection standard</b>	DIN 3852-G
<b>Pressure connection type</b>	G
<b>Pressure Male/Female</b>	Male
<b>Pressure range [bar] [max]</b>	100 bar
<b>Pressure range [bar] [min]</b>	0 bar
<b>Pressure range [psi] [max]</b>	1450 psi
<b>Pressure range [psi] [min]</b>	0 psi
<b>Pressure reference</b>	Sealed gauge
<b>Pulse-snubber</b>	Yes
<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 3050-3031-A1FB04-4
<b>Supply voltage [V] DC [max]</b>	32 V
<b>Supply voltage [V] DC [min]</b>	9 V
<b>UL mark</b>	Yes

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## Accessories

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### **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

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### **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

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### **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

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### **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

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