

**060G1264****Pressure transmitter, MBS 33, 0 bar - 1 bar, 0 psi - 14.5 psi**

Pressure reference: Absolute, Output signal: Voltage, Electrical connection:  
Angular connector, Pressure connection type: G, Pressure connection size: 1/2,  
Specification key: MBS 33-1025-A1AB08-0

**PRODUCT DETAILS**

<b>Gross weight</b>	0.208 Kilogram
<b>Net weight</b>	0.186 Kilogram
<b>Volume</b>	0.424 Liter
<b>EAN</b>	5702423063109
<b>Type</b>	MBS 33
<b>Product group</b>	Sensors
<b>Product Name Description</b>	Pressure transmitter
<b>+ output</b>	Pin 3
<b>+ supply</b>	Pin 1
<b>- common</b>	Pin 2
<b>Accuracy, max. [<math>\pm</math>FS%]</b>	0.8 %
<b>Accuracy, typical [<math>\pm</math>FS%]</b>	0.3 %
<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

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**Product Detail | Pressure transmitter, MBS 33, 0 bar - 1 bar, 0 psi - 14.5 psi**
**PRODUCT DETAILS**

<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>Flush diaphragm</b>	No
<b>High Clipping Level</b>	11.5
<b>In scope of WEEE</b>	Yes
<b>International Article Number</b>	5702423063109
<b>Intrinsically safe</b>	No
<b>Low Clipping level</b>	0
<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>	0.2 %
<b>Output signal</b>	Voltage
<b>Output signal [V] [max]</b>	10 V
<b>Output signal [V] [min]</b>	0 V
<b>Overload pressure max. [bar]</b>	2 bar
<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>	1 bar
<b>Pressure range [bar] [min]</b>	0 bar
<b>Pressure range [psi] [max]</b>	14.5 psi
<b>Pressure range [psi] [min]</b>	0 psi
<b>Pressure reference</b>	Absolute
<b>Pulse-snubber</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 33-1025-A1AB08-0
<b>Supply current max. [mA]</b>	8 mA
<b>Supply voltage [V] DC [max]</b>	32 V
<b>Supply voltage [V] DC [min]</b>	15 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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**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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**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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