

**060G3042****Pressure transmitter, MBS 33, 0 bar - 16 bar, 0 psi - 232 psi**

Pressure reference: Absolute, Output signal: Current, Electrical connection:
Angular connector, Pressure connection type: G, Pressure connection size: 1/2,
Specification key: MBS 33-2221-A1AB08-0

PRODUCT DETAILS

Gross weight	0.208 Kilogram
Net weight	0.186 Kilogram
Volume	0.4 Liter
EAN	5702423029655
Type	MBS 33
Product group	Sensors
Product Name Description	Pressure transmitter
+ supply	Pin 1
- common	Pin 2
Accuracy, max. [\pmFS%]	0.8 %
Accuracy, typical [\pmFS%]	0.3 %
Adj. zero point and span	No
Ambient temperature range [°C] [max]	85 °C
Ambient temperature range [°C] [min]	-40 °C
Ambient temperature range [°F] [max]	185 °F
Ambient temperature range [°F] [min]	-40 °F
Approval	ATEX CE C UL US UL Recognized
Approval comments	ATEX Ex ec IIA T4 Gc
CE evaluated	Yes
China RoHS compliance	Out of scope
Compensated temp. range [°C] [max]	80 °C
Compensated temp. range [°C] [min]	0 °C
Compensated temp. range [°F] [max]	176 °F
Compensated temp. range [°F] [min]	32 °F
Contains batteries	No
EEE category	5 small equipment (any external dimension < 50 cm)
Electrical conn. Male/Female	Male and Female
Electrical connection	Angular connector

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Product Detail | Pressure transmitter, MBS 33, 0 bar - 16 bar, 0 psi - 232 psi
PRODUCT DETAILS

Electrical connection size	Pg 9
Electrical connection standard	EN 175301-803-A
Enclosure rating IP	IP65
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Flush diaphragm	No
High Clipping Level	22.4
In scope of WEEE	Yes
International Article Number	5702423029655
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%]	0.2 %
Output signal	Current
Output signal [mA] [max]	20 mA
Output signal [mA] [min]	4 mA
Overload pressure max. [bar]	50 bar
Packing format	Multi pack
Pressure connection HEX [mm]	27 mm
Pressure connection size	1/2
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	Absolute
Pulse-snubber	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 33-2221-A1AB08-0
Supply current max. [mA]	28 mA
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 [↗](#)

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Accessories



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



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



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



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



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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