

**060G1456****Pressure transmitter, MBS 3000, 0 bar - 16 bar, 0 psi - 232 psi**

Pressure reference: Sealed gauge, Output signal: Current, Electrical
connection: Cable, Pressure connection type: G, Pressure connection size: 1/2,
Specification key: MBS 3000-2231-A3AB08-0

PRODUCT DETAILS

Gross weight	0.303 Kilogram
Net weight	0.26 Kilogram
Volume	1.241 Liter
EAN	5702423121144
Type	MBS 3000
Product group	Sensors
Product Name Description	Pressure transmitter
+ supply	Brown
- common	Black
Accuracy, max. [\pmFS%]	1 %
Accuracy, typical [\pmFS%]	0.5 %
Adj. zero point and span	No
Ambient temperature range [$^{\circ}$C] [max]	85 $^{\circ}$ C
Ambient temperature range [$^{\circ}$C] [min]	-30 $^{\circ}$ C
Ambient temperature range [$^{\circ}$F] [max]	185 $^{\circ}$ F
Ambient temperature range [$^{\circ}$F] [min]	-22 $^{\circ}$ F
Approval comments	ATEX Ex ec IIA T4 Gc
Cable length [in]	79 in
Cable length [m]	2 m
CE mark	Yes
China RoHS compliance	Out of scope
Compensated temp. range [$^{\circ}$C] [max]	80 $^{\circ}$ C
Compensated temp. range [$^{\circ}$C] [min]	0 $^{\circ}$ C
Compensated temp. range [$^{\circ}$F] [max]	176 $^{\circ}$ F
Compensated temp. range [$^{\circ}$F] [min]	32 $^{\circ}$ F
Contains batteries	No
EEE category	5 small equipment (any external dimension < 50 cm)
Electrical conn. comments	Screened
Electrical connection	Cable
Enclosure rating IP	IP67

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 - 16 bar, 0 psi - 232 psi
PRODUCT DETAILS

EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Flush diaphragm	No
High Clipping Level	22.4
Identical product	060G4146
In scope of WEEE	Yes
International Article Number	5702423121144
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%]	0.5 %
Output signal	Current
Output signal [mA] [max]	20 mA
Output signal [mA] [min]	4 mA
Overload pressure max. [bar]	96 bar
Overload pressure max. [psi]	1392 psi
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	Sealed gauge
Pulse-snubber	No
Quantity per packing format	8 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 3000-2231-A3AB08-0
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [min]	9 V
UL mark	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



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



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

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.