

**060G1137****Pressure transmitter, MBS 3000, 0.00 bar - 16.00 bar, 0.00 psi - 232.00 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 3000-2231-A1AC04-0

**PRODUCT DETAILS**

Gross weight	0.174 Kilogram
Net weight	0.157 Kilogram
Volume	0.408 Liter
EAN	5702423095056
+ supply	Pin 1
- common	Pin 2
Accuracy, max. [ $\pm$ FS%]	1 %
Accuracy, typical [ $\pm$ FS%]	0.5 %
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
Approval comments	ATEX Ex ec IIA T4 Gc
China RoHS compliance	Yes exceed limitations
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
EEE category	5 small equipment (any external dimension 50 cm)
Electrical conn. Male/Female	Male and Female
Electrical connection	Angular connector
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	No
Flush diaphragm	No
High Clipping Level	22.4

## Product Detail | Pressure transmitter, MBS 3000, 0.00 bar - 16.00 bar, 0.00 psi - 232.00 psi

## PRODUCT DETAILS

In scope of WEEE	Yes
In scope of WEEE and contain batteries	No
International Article Number	5702423095056
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	1/4-18
Pressure connection standard	ANSI/ASME B1.20.1
Pressure connection type	NPT
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
Product group	Sensors
Product Name Description	Pressure transmitter
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 3000-2231-A1AC04-0
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [min]	9 V
Supply voltage [V] DC [min]	9 V
Type	MBS 3000
UK RoHS compliance	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



### 060G0007 [🔗](#)

#### Accessories, sensors, Plug

Further information: Knife contacts, Used for product: AKS/MBS, Packing format: Multi pack, Quantity per packing format: 96



### 060G0008 [🔗](#)

#### Accessories, sensors, Plug

Further information: Knife contacts, Used for product: AKS/MBS, Packing format: Multi pack, Quantity per packing format: 96



### 060G1034 [🔗](#)

#### Accessories, sensors, Accessory Plug Connector 5m Cable

Accessory Plug Connector 5m Cable, Used for product: AKS/MBS, Packing format: Multi pack, Quantity per packing format: 8



### 060G2850 [🔗](#)

#### Accessory MBD 1000 Display MBT/MBS/AKS

Accessory MBD 1000 Display MBT/MBS/AKS, Used for product: MBS (4-20mA); MBT5560; MBT 3560; AKS (4-20mA)

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