

**060N1034****Pressure transmitter, MBS 5100, 0 bar - 4 bar, 0 psi - 58 psi**

Pressure reference: Gauge (relative), Output signal: Current, Electrical connection: Angular connector, Pressure connection type: G, Pressure connection size: 1/4, Specification key: MBS 5100-1611-A6DB04-4

PRODUCT DETAILS

Gross weight	0.402 Kilogram
Net weight	0.332 Kilogram
Volume	0.493 Liter
EAN	5702423059577
Type	MBS 5100
Product group	Sensors
Product Name Description	Pressure transmitter
+ supply	Pin 1
- common	Pin 2
Accuracy, max. [\pmFS%]	0.3 %
Accuracy, typical [\pmFS%]	0.1 %
Adj. zero point and span	No
Ambient temperature range [$^{\circ}$C] [max]	85 $^{\circ}$ C
Ambient temperature range [$^{\circ}$C] [min]	-40 $^{\circ}$ C
Ambient temperature range [$^{\circ}$F] [max]	185 $^{\circ}$ F
Ambient temperature range [$^{\circ}$F] [min]	-40 $^{\circ}$ F
Approval	CE C UL US UL Recognized
CE evaluated	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. Male/Female	Male and Female
Electrical connection	Angular connector
Electrical connection size	Pg 11
Electrical connection standard	EN 175301-803-A

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 5100, 0 bar - 4 bar, 0 psi - 58 psi
PRODUCT DETAILS

Enclosure rating IP	IP65
EU RoHS compliance	Yes with exemptions
EU RoHS exemption clause	6(c)
Flush diaphragm	No
High Clipping Level	22.4
Identical product	060N4000
In scope of WEEE	Yes
International Article Number	5702423059577
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 %
Other RoHS documentation	Saudi Arabia RoHS
Output signal	Current
Output signal [mA] [max]	20 mA
Output signal [mA] [min]	4 mA
Overload pressure max. [bar]	8 bar
Packing format	Multi pack
Pressure connection notes	With flange
Pressure connection size	1/4
Pressure connection standard	ISO 228-1
Pressure connection type	G
Pressure Male/Female	Female
Pressure range [bar] [max]	4 bar
Pressure range [bar] [min]	0 bar
Pressure range [psi] [max]	58 psi
Pressure range [psi] [min]	0 psi
Pressure reference	Gauge (relative)
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 5100-1611-A6DB04-4
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [min]	9 V
Test Signal	PIN 3
UL evaluated	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



060G0005 [↗](#)

Accessories, sensors, Electrical connector

Used for product: AKS/MBS, Parts included: Angular connector M20; Gasket, Packing format: Multi pack, Quantity per packing format: 32



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



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



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

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.