



060N1220

Pressure transmitter, MBS 5100, 0 bar - 40 bar, 0 psi - 580 psi

Pressure reference: Sealed gauge, Output signal: Current, Electrical connection: Angular connector, Pressure connection type: G, Pressure connection size: 1/4, Specification key: MBS 5100-2631-A0DB04-4

PRODUCT DETAILS

Gross weight	0.328 Kilogram
Net weight	0.299 Kilogram
Volume	0.213 Liter
EAN	5702423198276
Type	MBS 5100
Product group	Sensors
Product Name Description	Pressure transmitter
+ supply	Pin 1
- common	Pin 2
Accuracy, max. [±FS%]	0.3 %
Accuracy, typical [±FS%]	0.1 %
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	C UL US UL Recognized CE
CE mark	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
Electrical connection	Angular connector
Electrical connection size	4 pin
Electrical connection standard	EN 175301-803-A

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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
In scope of WEEE	Yes
International Article Number	5702423198276
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]	80 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]	40 bar
Pressure range [bar] [min]	0 bar
Pressure range [psi] [max]	580 psi
Pressure range [psi] [min]	0 psi
Pressure reference	Sealed gauge
Pulse-snobber	No
Quantity per packing format	24 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 5100-2631-A0DB04-4
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [min]	9 V
Test Signal	PIN 3
UL mark	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



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



060G2993 [↗](#)

Accessories, sensors, Cable

Used for product: AKS/MBS, Parts included: Plug w. 5,0 m cable, Packing format: Industrial pack, Quantity per packing format: 20



084Z2499 [↗](#)

Accessories, sensors, Electrical connector

Used for product: AKS/MBS, Parts included: Gasket; Angular con. PG9 w.knife con, Packing format: Multi pack, Quantity per packing format: 96



084Z4213 [↗](#)

Accessories, sensors, Electrical connector

Used for product: AKS/MBS, Parts included: Gasket; Angular con PG13,5 w.knife con, Packing format: Multi pack, Quantity per packing format: 96

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