



060G1436

Pressure transmitter, MBS 3050, -1 bar - 9 bar, -14.5 psi - 130.5 psi

Pressure reference: Sealed gauge, Output signal: Current, Electrical connection: M12 x 1, Pressure connection type: G, Pressure connection size: 1/4, Specification key: MBS 3050-D631-E4FB04-4

PRODUCT DETAILS

Gross weight	0.15 Kilogram
Net weight	0.136 Kilogram
Volume	0.261 Liter
EAN	5702423112333
Type	MBS 3050
Product group	Sensors
Product Name Description	Pressure transmitter
+ supply	Pin 4
- common	Pin 1
Accuracy, max. [±FS%]	1 %
Accuracy, typical [±FS%]	0.5 %
Adj. zero point and span	No
Ambient temperature range [°C] [max]	85 °C
Ambient temperature range [°C] [min]	-25 °C
Ambient temperature range [°F] [max]	185 °F
Ambient temperature range [°F] [min]	-13 °F
Approval	CE C UL US UL Recognized
CE evaluated	Yes
China RoHS compliance	Out of scope
Comments	PIN 5: GROUND
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. comments	AU
Electrical conn. Male/Female	Male
Electrical connection	M12 x 1

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Product Detail | Pressure transmitter, MBS 3050, -1 bar - 9 bar, -14.5 psi - 130.5 psi
PRODUCT DETAILS

Electrical connection size	5 pin
Electrical connection standard	IEC 61076-2-101
Enclosure rating IP	IP67
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	5702423112333
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]	20 bar
Packing format	Multi pack
Pressure connection HEX [mm]	27 mm
Pressure connection size	1/4
Pressure connection standard	DIN 3852-G
Pressure connection type	G
Pressure Male/Female	Male
Pressure range [bar] [max]	9 bar
Pressure range [bar] [min]	-1 bar
Pressure range [psi] [max]	130.5 psi
Pressure range [psi] [min]	-14.5 psi
Pressure reference	Sealed gauge
Pulse-snubber	Yes
Quantity per packing format	20 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 3050-D631-E4FB04-4
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [min]	9 V
UL evaluated	Yes

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