



**064G5201** [🔗](#)

**Pressure transmitter, MBS 9300, -30 mbar - 30 mbar, -0.44 psi - 0.44 psi**

Pressure reference: Gauge (relative), Output signal: Current, Electrical connection: Angular connector, Pressure connection type: G, Pressure connection size: 1/4, Specification key: MBS 9300-A211-A1GB04-1

**PRODUCT DETAILS**

<b>Gross weight</b>	0.176 Kilogram
<b>Net weight</b>	0.161 Kilogram
<b>Volume</b>	0.253 Liter
<b>EAN</b>	5702428832250
<b>Type</b>	MBS 9300
<b>Product group</b>	Sensors
<b>Product Name Description</b>	Pressure transmitter
<b>+ supply</b>	Pin 1
<b>- common</b>	Pin 2
<b>Acc. @ ref. Temp. ±FS typ. [%]</b>	1.5 %
<b>Ambient temperature range [°C]</b> [max]	100 °C
<b>Ambient temperature range [°C]</b> [min]	-25 °C
<b>Approval</b>	C UL US UL Recognized CE
<b>Burst pressure [bar]</b>	50 bar
<b>CE mark</b>	Yes
<b>China RoHS compliance</b>	Out of scope
<b>Compensated temp. range [°C]</b> [max]	80 °C
<b>Compensated temp. range [°C]</b> [min]	0 °C
<b>Contains batteries</b>	No
<b>Durability P @ 10-90% FS</b>	10000000
<b>EEE category</b>	5 small equipment (any external dimension < 50 cm)
<b>Electrical conn. Male/Female</b>	Male
<b>Electrical connection</b>	Angular connector
<b>Electrical connection size</b>	Pg 9
<b>Electrical connection standard</b>	EN 175301-803-A
<b>Enclosure rating IP</b>	IP65
<b>EU RoHS compliance</b>	Yes with exemptions
<b>EU RoHS exemption clause</b>	6(c)
<b>Hysteresis and repeat.[±FS%]</b>	0.1 %
<b>In scope of WEEE</b>	Yes
<b>Intrinsically safe</b>	No
<b>Medium temperature range [°C]</b> [max]	125 °C

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**PRODUCT DETAILS**

<b>Medium temperature range [°C]</b> [min]	-20 °C
<b>Mount.pos. err. @ 180°[±FS%]</b>	0.8 %
<b>Non-linearity BFSL [±FS%]</b>	0.2 %
<b>Output signal</b>	Current
<b>Output signal [mA] [max]</b>	20 mA
<b>Output signal [mA] [min]</b>	4 mA
<b>Overload pressure max. [bar]</b>	3.5 bar
<b>Packing format</b>	Multi pack
<b>Pressure connection HEX [mm]</b>	27 mm
<b>Pressure connection notes</b>	A
<b>Pressure connection size</b>	1/4
<b>Pressure connection standard</b>	DIN 3852-E
<b>Pressure connection type</b>	G
<b>Pressure Male/Female</b>	Male
<b>Pressure range [mbar] [max]</b>	30 mbar
<b>Pressure range [mbar] [min]</b>	-30 mbar
<b>Pressure range [psi] [max]</b>	0.44 psi
<b>Pressure range [psi] [min]</b>	-0.44 psi
<b>Pressure reference</b>	Gauge (relative)
<b>Pulse-snobber</b>	No
<b>Quantity per packing format</b>	20 pc
<b>REACH Candidate List substances</b>	Lead (CAS no. 7439-92-1)
<b>Recommen. mounting torque [Nm]</b>	25 Nm
<b>Reference temperature [°C]</b>	25 °C
<b>SCIP dossier no.</b>	16d2efc6-64f3-4a4e-ae98- a3fd7ce0218d
<b>SCIP dossier product name</b>	AKS/MBS
<b>Specification key</b>	MBS 9300-A211-A1GB04-1
<b>Storage temperature range [°C]</b> [max]	125 °C
<b>Storage temperature range [°C]</b> [min]	-40 °C
<b>Storage temperature range [°F]</b> [max]	257 °F
<b>Storage temperature range [°F]</b> [min]	-40 °F
<b>Supply voltage [V] DC [max]</b>	32 V
<b>Supply voltage [V] DC [min]</b>	9 V
<b>TEB inside CTR ±FS [%]</b>	3 %
<b>UL mark</b>	Yes

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**Accessories**

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