

**084G2109****Pressure transmitter, EMP 2, 0 bar - 10 bar, 0 psi - 145 psi**

Pressure reference: Gauge (relative), Output signal: Current, Electrical connection: Terminal block, Pressure connection type: G, Pressure connection size: 1/2, Specification key: EMP 2-2011-F6CD24-2

**PRODUCT DETAILS**

<b>Gross weight</b>	1.058 Kilogram
<b>Net weight</b>	0.98 Kilogram
<b>Volume</b>	2.447 Liter
<b>EAN</b>	5702423020164
<b>Type</b>	EMP 2
<b>Product group</b>	Sensors
<b>Product Name Description</b>	Pressure transmitter
<b>+ supply</b>	P
<b>- common</b>	N
<b>Accuracy, max. [<math>\pm</math>FS%]</b>	1 %
<b>Accuracy, typical [<math>\pm</math>FS%]</b>	0.5 %
<b>Approval</b>	ABS, BV, CCS, DNV, GL, GOST POCC, KR, LR, NNK, RINA, CE
<b>CE mark</b>	Yes
<b>China RoHS compliance</b>	Out of scope
<b>Compensated temp. range [°C]</b>	70 °C
<b>[max]</b>	
<b>Compensated temp. range [°C]</b>	0 °C
<b>[min]</b>	
<b>Compensated temp. range [°F]</b>	158 °F
<b>[max]</b>	
<b>Compensated temp. range [°F]</b>	32 °F
<b>[min]</b>	
<b>Contains batteries</b>	No
<b>Electrical connection</b>	Terminal block
<b>Electrical connection size</b>	Pg 13.5
<b>Enclosure rating IP</b>	IP65
<b>EU RoHS compliance</b>	Yes with exemptions
<b>EU RoHS exemption clause</b>	7(c)-I
<b>Flush diaphragm</b>	No
<b>High Clipping Level</b>	22.4
<b>International Article Number</b>	5702423020164
<b>Intrinsically safe</b>	No
<b>Low Clipping level</b>	3.6
<b>Medium temperature range [°C]</b>	70 °C
<b>[max]</b>	
<b>Medium temperature range [°C]</b>	-10 °C
<b>[min]</b>	

**Product Detail | Pressure transmitter, EMP 2, 0 bar - 10 bar, 0 psi - 145 psi**
**PRODUCT DETAILS**

Medium temperature range [°F] [max]	158 °F
Medium temperature range [°F] [min]	14 °F
Non-linearity BFSL [±FS%]	0.3 %
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 notes	EXT. G1/4 INT
Pressure connection size	1/2
Pressure connection standard	EN 228-1
Pressure connection type	G
Pressure Male/Female	Male/Female
Pressure range [bar] [max]	10 bar
Pressure range [bar] [min]	0 bar
Pressure range [psi] [max]	145 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.	6010d1e2-f473-4af2-afdd- bb494bdd0100
SCIP dossier product name	EMP
Specification key	EMP 2-2011-F6CD24-2
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [min]	12 V
UL mark	Yes

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**Accessories**


**060-016966** [🔗](#)

**Switches accessories, Capillary Tube**

Type designation: Capillary tube, Packing format: Multi pack, Quantity per packing format: 15

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