



060G3859

Pressure transmitter, AKS 33, -1 bar - 30 bar, -14.5 psi - 435 psi

Pressure reference: Sealed gauge, Output signal: Current, Electrical
connection: Cable, Pressure connection type: NPT, Pressure connection size:
1/4-18, Specification key: AKS 33-DJ31-A3EC04-0

PRODUCT DETAILS

Gross weight	0.272 Kilogram
Net weight	0.231 Kilogram
Volume	1.232 Liter
EAN	5702423209989
Type	AKS 33
Product group	Sensors
Product Name Description	Pressure transmitter
+ supply	Brown
- common	Black
Accuracy, max. [±FS%]	0.8 %
Accuracy, typical [±FS%]	0.3 %
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	ATEX GOST POCC C UL US UL Recognized CE
Approval comments	ATEX Ex ec IIA T4 Gc
Approval standard	6967179 E227388 E31024
Cable length [in]	79 in
Cable length [m]	2 m
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

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Product Detail | Pressure transmitter, AKS 33, -1 bar - 30 bar, -14.5 psi - 435 psi
PRODUCT DETAILS

Compensated temp. range [°F] [min]	32 °F
Contains batteries	No
EEE category	5 small equipment (any external dimension < 50 cm)
Electrical conn. comments	Screened
Electrical connection	Cable
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	5702423209989
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]	55 bar
Packing format	Multi pack
Pressure connection size	1/4-18
Pressure connection standard	ANSI/ASME B1.20.1
Pressure connection type	NPT
Pressure Male/Female	Male
Pressure range [bar] [max]	30 bar
Pressure range [bar] [min]	-1 bar
Pressure range [psi] [max]	435 psi
Pressure range [psi] [min]	-14.5 psi
Pressure reference	Sealed gauge
Pulse-snobber	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.	5d3ddba9-4ab7-49e8-8c1e-73e8e21d0b89
SCIP dossier product name	Sensor AKS 33
Specification key	AKS 33-DJ31-A3EC04-0
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [min]	9 V
UL mark	Yes



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Accessories

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