

**060G2101****Pressure transmitter, AKS 33, -1.00 bar - 12.00 bar, -14.50 psi - 174.00 psi**

Pressure reference: Sealed gauge, Output signal: Current, Electrical connection: Angular connector, Pressure connection type: NPT, Pressure connection size: 1/4-18, Specification key: AKS 33-DH31-A1EC04-0

PRODUCT DETAILS

Gross weight	0.184 Kilogram
Net weight	0.157 Kilogram
Volume	0.416 Liter
EAN	5702422065906
+ supply	Pin 1
- common	Pin 2
Accuracy, max. [\pmFS%]	0.8 %
Accuracy, typical [\pmFS%]	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 cUR
Approval comments	ATEX Ex ec IIA T4 Gc
Approval standard	6967179 E227388 E31024
CE evaluated	Yes
China RoHS compliance	Out of scope
Compensated temp. range [°C] [max]	40 °C
Compensated temp. range [°C] [min]	-30 °C
Compensated temp. range [°F] [max]	104 °F
Compensated temp. range [°F] [min]	-22 °F
EEE category	5 small equipment (any external dimension 50 cm)
Electrical conn. Male/Female	Male and Female
Electrical connection	Angular connector
Electrical connection size	Pg 9

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Product Detail | Pressure transmitter, AKS 33, -1.00 bar - 12.00 bar, -14.50 psi - 174.00 psi
PRODUCT DETAILS

Electrical connection standard	EN 175301-803-A
Enclosure rating IP	IP65
EU RoHS compliance	Out of scope
Flush diaphragm	No
High Clipping Level	22.4
In scope of WEEE	Yes
In scope of WEEE and contain batteries	No
International Article Number	5702422065906
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 %
Other RoHS documentation	Saudi Arabia RoHS
Output signal	Current
Output signal [mA] [max]	20 mA
Output signal [mA] [min]	4 mA
Overload pressure max. [bar]	33 bar
Overload pressure max. [psi]	479 psi
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]	12 bar
Pressure range [bar] [min]	-1 bar
Pressure range [psi] [max]	174 psi
Pressure range [psi] [min]	-14.5 psi
Pressure reference	Sealed gauge
Product group	Sensors
Product Name Description	Pressure transmitter
Pulse-snubber	No
Quantity per packing format	14 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-DH31-A1EC04-0
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [min]	9 V
Supply voltage [V] DC [min]	9 V
Type	AKS 33
UK RoHS compliance	Out of scope

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Accessories



060G2850 [↗](#)

Accessory MBD 1000 Display MBT/MBS/AKS

Accessory MBD 1000 Display MBT/MBS/AKS, Used for product: MBS (4-20mA); MBT5560; MBT 3560; AKS (4-20mA)

[For more information, please use this link to visit the product page on Danfoss Product Store](#)

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