



060G2106 [↗](#)

Pressure transmitter, AKS 33, -1 bar - 20 bar, -14.5 psi - 290 psi

Pressure reference: Sealed gauge, Output signal: Current, Electrical

connection: Angular connector, Pressure connection type: G, Pressure connection size: 3/8, Specification key: AKS 33-9231-A1AB06-0

Product details

Characteristic	Value
Gross weight	0.194 Kilogram
Net weight	0.168 Kilogram
Volume	0.416 Liter
EAN	5702422066002
Type	AKS 33
Product group	Sensors
Product Name Description	Pressure transmitter
+ supply	Pin 1
- common	Pin 2
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 C UL US UL Recognized CE GOST POCC
Approval comments	ATEX Ex ec IIA T4 Gc
Approval standard	6967179 E227388 E31024
CE mark	Yes

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.



Product details

Characteristic	Value
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
Compensated temp. range [°F] [min]	32 °F
Contains batteries	No
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
Electrical connection standard	EN 175301-803-A
Enclosure rating IP	IP65
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	5702422066002
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]	40 bar
Overload pressure max. [psi]	580 psi

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.

Product details

Characteristic	Value
Packing format	Multi pack
Pressure connection size	3/8
Pressure connection standard	EN 837
Pressure connection type	G
Pressure Male/Female	Male
Pressure range [bar] [max]	20 bar
Pressure range [bar] [min]	-1 bar
Pressure range [psi] [max]	290 psi
Pressure range [psi] [min]	-14.5 psi
Pressure reference	Sealed gauge
Pulse-snobber	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 33-9231-A1AB06-0
Supply voltage [V] DC [max]	32 V
Supply voltage [V] DC [min]	9 V
UL mark	Yes

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

Accessories



060G2850 [↗](#)

Accessories, sensors, Display

Used for product: MBS (4-20mA); MBT5560; MBT 3560; AKS (4-20mA), Parts included: Display, Packing format: Single pack, Quantity per packing format: 1

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

Danfoss can accept no responsibility for possible errors in catalogs, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without sub-sequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.