

Ex Joystick models

The Link (JN), Curve (JQ) and M-PRO (JE) joystick transmitter units are also available in the AIR series in Ex versions; these models are suitable for operating in potentially explosive work environments, from road and infrastructure work to loading and unloading operations, on oil platforms to lifting and handling in agricultural, chemical, or food processing. The models comply with the ATEX Directive 2014/34/EU (zone 1/21 or zone 2/22) and the IECEx certification scheme (zone 1/21). *

Air series



Available models
AJN Ex, AJQ Ex,
AJE Ex

ESD

ESD antistatic components
to prevent accidental
ignition of flammable
liquids, powders or gases



Gray case of antistatic
special compound



2.8" or 4.3" TFT LCD
displays availability



AJQ Ex dimensions

W 329 mm (12.95 in) H 207 mm (8.15 in) D 179 mm (7.05 in)



Compatible receiving units

All Air series receiving units if used
outside explosion-risk areas



Safety performance

GSS/EMS/ATS performance
up to PL e, SIL 3
(EN ISO 13849-1 and EN IEC
62745:2017)



Radio frequency

870/915 MHz FHSS



ATEX marking

II 2G Ex ia IIC T4 Gb
II 2D Ex ia IIIC T135°C Db
I M1 Ex ia I Ma
-20°C ≤ Tamb ≤ +55°C



IEC Ex marking

Ex ia IIC T4 Gb
Ex ia IIIC T135°C Db
Ex ia I Ma
-20°C ≤ Tamb ≤ +55°C

Ex Joystick models



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Technical data

Power supply LPM03Ex	3.7 VDC (Li-Ion battery)
Frequency band	870/915 MHz FHSS
Typical working range	up to 100 m (330 ft)
Average usage time with fully charged battery (continuous use at 20°C / 68°F)	- 24 h without display - 10 h with 2.8" or 4.3" display
Protection degree	IP65 (NEMA 4)
Operating and storage temperature	operating: (-20°C) ÷ (+55°C) / (-4°F) ÷ (+130°F) storage: (-40°C) ÷ (+70°C) / (-40°F) ÷ (+158°F)
GSS/EMS/ATS performance (EN ISO 13849-1 and EN IEC 62745:2017)	up to PL e, SIL 3
Dimensions	AJN Ex: 243x169x187 mm (9.57x6.65x7.36 in) AJQ Ex: 329x207x179 mm (12.95x8.15x7.05 in) AJE Ex: 370x248x183 mm (14.57x9.76x7.20 in)
Weight	AJN Ex: 1.75 kg (3.86 lb) AJQ Ex: 2.4 kg (5.29 lb) AJE Ex: 4 kg (8.82 lb)

* Products certification in progress

Options



2.8" TFT LCD display



4.3" TFT LCD display

Cert. UNI EN ISO 9001:2015 No. 50 100 2877 Design, manufacture and service of remote control systems for safety industrial application.

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