Ewon®
BY HMS NETWORKS

Flexy Extension Card - 2
Serial Ports - Class 1 Div 2

Item number: FLA3301_00H

The Extension Card - 2 Serial Ports Class 1 Div 2 is a version of the Extension Card - 2 Serial Ports with additional certification for hazardous environments. Along with our Flexy 205, it allows machine builders and users to monitor and collect critical KPIs for analysis and predictive maintenance. Data can be gathered from PLCs, sensors, and other devices with support for a wide range of industrial protocols, including OPC UA.

Interchangeable extension card for enhanced connectivity

Features and benefits

✓ **Specifications of Class 1 Div 2 gateways**

Class 1 Div 2 certified gateways provide complete safety assurance in hazardous environments where flammable or explosive substances are present, such as in the oil and gas industry or the chemical sector. Ewon Flexy helps create a safer working environments, protect employees, and minimize the risk of accidents and incidents.

✓ **Build your own Flexy gateway**

Keep up with the evolution of communication technologies while protecting your investment in the device! The Ewon Flexy extension cards make this gateway highly modular and flexible.

Flexy Extension Card - 2 Serial Ports - Class 1 Div 2

Identification and Status

Product ID	FLA3301_00H
Model Code	00601
Country of Origin	Belgium
HS Code	8517790000
Export Control Classification Number (ECCN)	5A992.c

General

Net Width (mm)	22
Net Height (mm)	79
Net Depth (mm)	78
Net Weight (g)	44
Packed Width (mm)	102
Packed Height (mm)	30
Packed Depth (mm)	95
Packed Weight (g)	65.5
Operating Temperature °C Min	-25
Operating Temperature °C Max	+60
Storage Temperature °C Min	-30
Storage Temperature °C Max	+70
Content of Delivery	This product consists of the following components: an electronic extension board inserted in a plastic front plate and packed in an ESD plastic bag sealed with an yellow sticker, legal references in paper version and a cardboard box.
Housing Materials	Plastic

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General

Packaging Material	Cardboard
Warranty (years)	3

Physical Features

Connectors / Input / Output	1x RS232/485/422 port: Connector: SUBD9 (male), Physical mode: RS232/422/485, configurable by dip switch) 1x RS232 port: Connector: SUBD9 (male), Physical mode: RS232

Certifications and Standards

UL Information	This variant of the product fulfills the requirements of: UL 121201, 9th Ed., Issue Date: 2017-09-15, Revision Date: 2021-04-01 and CSA C22.2 NO. 213-17, 3rd Ed., Issue Date: 2017-09-15, Revision Date: 2021-04-01 for use in Hazardous Locations Class, 1 Division 2.
Environment	Temperature - Operating & Storage tested according to: IEC 60068-2-1 Cold test, IEC 60068-2-2 Dry heat test, IEC 60068-2-14 Change of temperature, IEC 60068-2-30 Cyclic damp heat test
Vibration and Shock	Vibration & shocks tested according to: IEC 60068-2-27 Bumps, IEC 60068-2-64 Vibration (broad-band random), IEC 60068-2-6 Vibration (sinusoidal)
WEEE Category	IT and telecommunications equipment
Other Certification	Giteki Japan