

1008080210

FCDC2

Flowire Ethernet Converter - non-PoE This product has been replaced by 1008080310 FCDC3 Flowire Ethernet Converter

Description

The FCDC2 is a Flowire device particularly useful for Ex devices such as the EAPFX and TFIX products.

FCDC2 removes the power-forwarding feature of the FCDC1 (PoE, type 2) to allow for easier integration with central equipment and for avoiding ground-loop and ground fault issues without any proprietary equipment or modification of the device.

- One single-paired cable can be used to distribute power and data
- The cable hauls can be longer, reducing the need for switches and/or repeaters
- Up to 10 Flowire devices can be connected to the same 2-wire network structure
- Existing infrastructure can be used, even though only a single pair is available, which reduces the total cost of retrofit projects
- The Flowire Converter can be used with any Ethernet enabled device

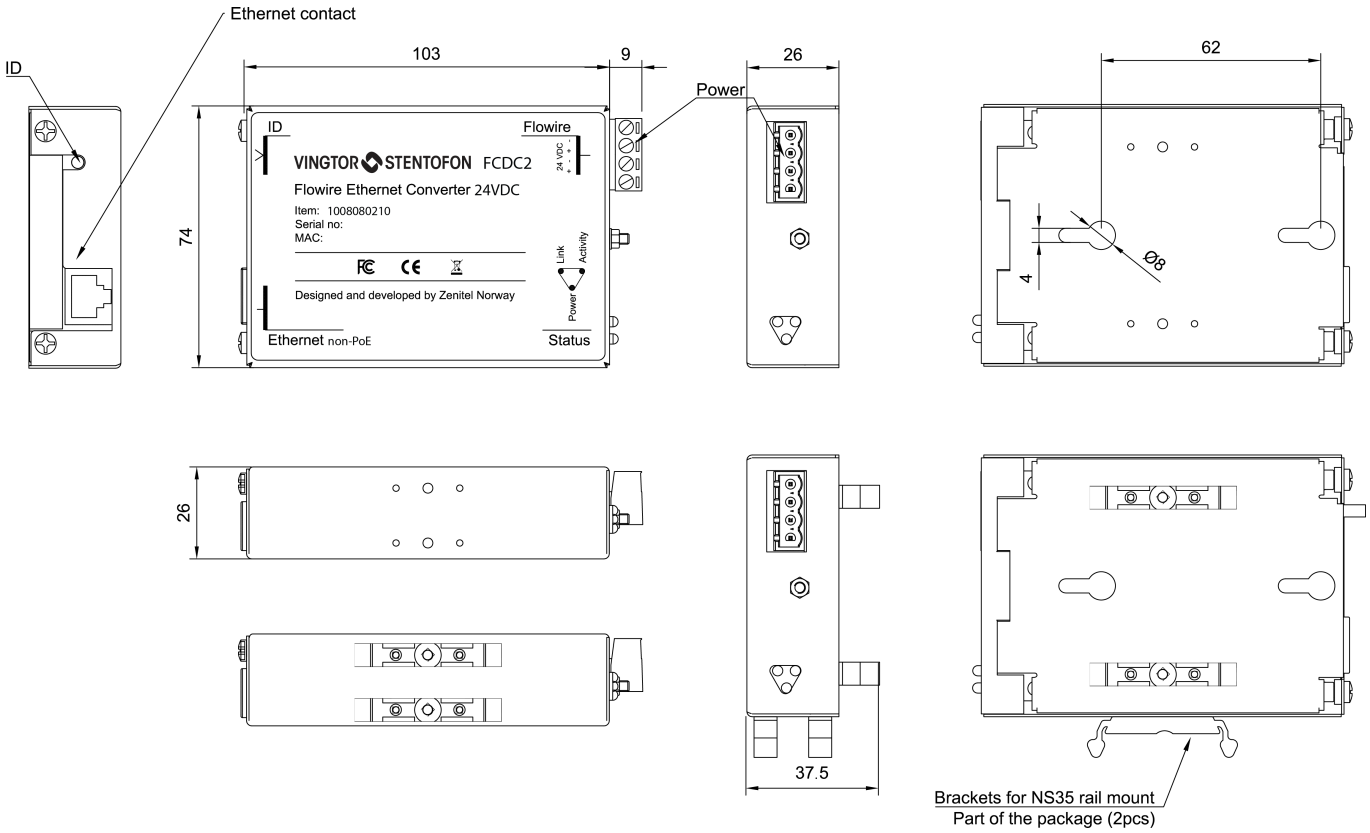
The Flowire Converter enables Ethernet to run on the same two wires as power, providing simpler cabling and opens up for longer cable hauls. The Flowire Converter is also capable of powering Ethernet devices attached to it, such as CCTV and IP intercom stations.

Technical Dimensions

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Specifications

MECHANICAL	
Dimensions	110 x 75 x 27 mm
Weight	300 g
Mounting	Wall mount or DIN rail
IP rating	IP 20

ENVIRONMENTAL	
Operating temperature	-20°C to +55°C
Operating humidity	15% to 95% (non-condensing)
Storage temperature	-40°C to + 70°C
Storage humidity	10% to 95% (non-condensing)

NETWORK	
Ethernet	100 Mbps
Flowire	100 Mbps @ 100m *), 50 Mbps @ 500m *), 10 Mbps @ 1km *, *) Available bandwidth depends on cable type, cable length and number of attached devices

ELECTRICAL	
Nominal voltage	V NOM = 24VDC – 48VDC, V MIN = 18VDC, V MAX = 56VDC
Power consumption	P NOM = 2.5W, P MAX = 6W

ELECTROMAGNETIC COMPATIBILITY (EMC)	
Immunity	EN 60945, EN 61000-6-1:2001
Emissions	EN 60945, EN 61000-6-3:2001 + A11:2004

Accessories

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Power Supply 100-240VAC/24VDC 4A

Switched-mode power supply, 1-phase, 24 VDC output voltage, 4A current

Item Number: 2990000064



Power Supply 100-240VAC/48VDC 2A

Switched-mode power supply, 1-phase, 48 VDC output voltage, 2A current

Item Number: 2990000065



Power supply 100-240VAC/48VDC 5A

Switched-mode power supply, 1-phase, 48 VDC output voltage, 5A current

Item Number: 2990000066



Power supply 100-240VAC/24VDC 2A

Switched-mode power supply, 1-phase, 24 VDC output voltage, 2A current

Item Number: 2990000063

Used With



EAPFX-6

Exigo Industrial Ex Access Panel, 6 Buttons

Item Number: 1023221516



EAPFX-1

Exigo Industrial Ex Access Panel

Item Number: 1023221511

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