


1008080310

FCDC3

Flowire Ethernet Converter - DC Voltage



- ✓ One single-paired cable can be used to distribute power and data network
- ✓ Switch to toggle between PoE forwarding on and off
- ✓ The cable hauls can be longer, reducing the need for switches and/or repeaters
- ✓ Up to 9 Flowire devices can be connected to the same 2-wire network structure
- ✓ Existing two-wire infrastructure can be used reducing the total cost of retrofit projects
- ✓ The Flowire Converter can be used with any Ethernet enabled device

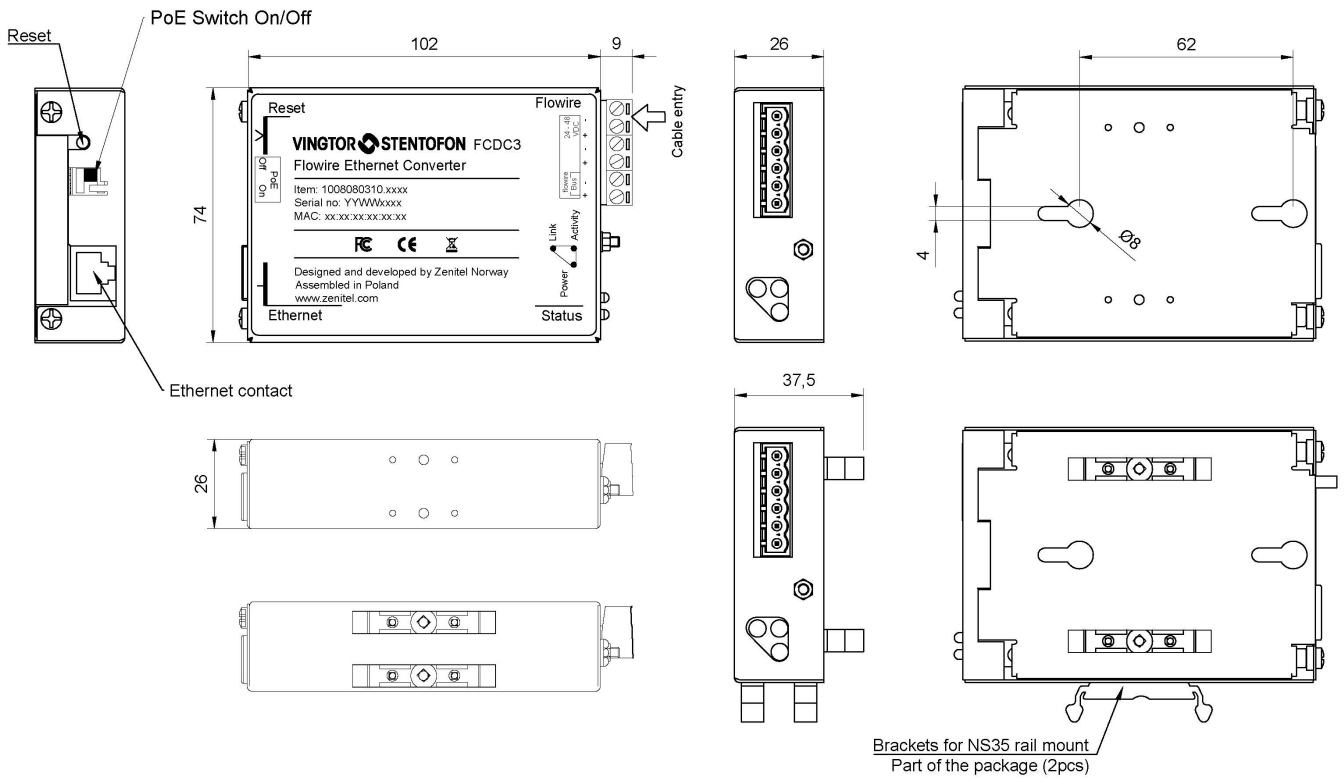
 IP over 2-wire

Description

The FCDC3 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 IP intercom stations and CCTV cameras.

Learn more on our [Flowire Wiki Page](#)

Technical Dimensions



Specifications

MECHANICAL

| | |
|------------|------------------------|
| Dimensions | 107 x 74 x 26 mm |
| Weight | 300 g |
| Mounting | Wall mount or DIN rail |
| IP rating | IP 20 |

ENVIRONMENTAL

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

NETWORK

| | |
|---------|---|
| Flowire | Up to 400 Mbps @ 100m *), Up to 200 Mbps @ 500m *), *) Tested under typical conditions. Available bandwidth depends on cable type, cable length and number of attached devices. Total cable length for a Flowire cluster should not exceed 600 m. |
|---------|---|

ELECTRICAL

| | |
|---|---|
| Nominal voltage | V NOM = 24VDC – 48VDC, V MIN = 18VDC, V MAX = 56VDC |
| Power consumption | P NOM = 2.5W, P MAX = 6W |
| Power forwarding, compatible with PoE Mode B (Spare pair) | P MAX = 15W |
| Note | Max power feed to a Flowire cluster is 3A. If the power supply can deliver more, an external fuse is recommended. |

ELECTROMAGNETIC COMPATIBILITY (EMC)

| | |
|-----------|--|
| Immunity | IEC/EN 60945:2002/Cor1:2008, EN 61000-6-2:2005 |
| Emissions | IEC/EN 60945:2002/Cor1:2008, EN 61000-6-3:2007+A1:2011 |

Accessories



Power supply 100-240VAC/24VDC 2A



Power Supply 100-240VAC/48VDC 2A



Power Supply 100-240VAC/24VDC 4A



Power supply 100-240VAC/48VDC 5A