

FCDC1 FLOWIRE ETHERNET CONVERTER - DC VOLTAGE



when communication is **critical**

FEATURES

- 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. This reduces the total cost of retrofit projects
- The Flowire Converter can be used with any Ethernet enabled device (not limited to STENTOFON products)



DESCRIPTION

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.

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)
Air pressure	600 hPa to 1100 hPa
Network	
Ethernet	10/100 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	$V_{NOM} = 24V_{DC} - 48V_{DC}$ $V_{MIN} = 18V_{DC}$ $V_{MAX} = 56V_{DC}$
Power consumption	$P_{NOM} = 2W$ $P_{MAX} = 6W$
Power forwarding	$P_{MAX} = 15W$



ORDER NUMBER	DESCRIPTION
1008080110	Flowire Ethernet Converter, DC voltage
Accessories:	
2990101120	Power Supply, 48V DC, 120W
2990101240	Power Supply, 48V DC, 240W

FLOWIRE ETHERNET CONVERTER, DC VOLTAGE

Electromagnetic Compatibility (EMC)	
Immunity	EN 61000-6-1:2001
Emissions	EN 61000-6-3:2001 + A11:2004

