

FLOWIRE ETHERNET CONVERTER, DC VOLTAGE



when communication is **critical**

FEATURES

- One single pair of cable can be used to distribute power and data
- The cable hauls can be longer, up to 2 km, reducing the need for switches and/or repeaters
- Up to 20 Flowire devices can be connected to the same 2-wire bus/star 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, giving simpler cabling and opens up for longer cable hauls. The Flowire converter is also capable of powering the ethernet device attached to it, like CCTV and IP stations.

SPECIFICATIONS

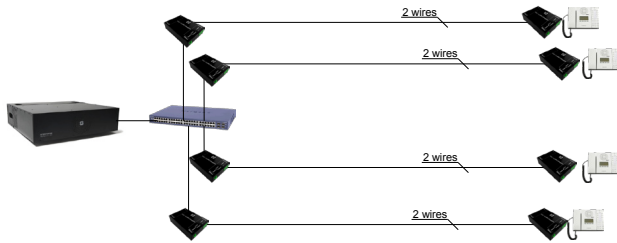
Mechanical	
Dimensions	120 x 65 x 13 mm
Weight	300 g
Mounting	Wall mount or DIN rail
IP rating	IP 20
Environmental	
Operating temperature	-20°C to +55°C
Operating humidity	15% to 95% (non-condensing)
Storage temperature	-40°C to + 70°C
Storage humidity	10% to 95% (non-condensing)
Air pressure	600 hPa to 1100 hPa
Electrical	
Nominal voltage	$V_{NOM} = 20V_{DC} - 50V_{DC}$ $V_{MIN} = 15V_{DC}$ $V_{MAX} = 56V_{DC}$
Power consumption	$P_{NOM} = 2W$ $P_{MAX} = 6W$
Power forwarding	$P_{MAX} = 15W$
Approvals and certifications	
Immunity	EN 60945, 61000-6-1, EN 61000-6-2, FCC-47 part 15B
Emissions	EN 60945, EN 61000-6-3, EN 61000-6-4, FCC-47 part 15B
Other	EN 60945

ORDER NUMBER	DESCRIPTION
1008080110	Flowire Ethernet Converter, DC voltage
Accessories: 2990100240	Power Supply, 48V DC, 240W
2990100480	Power Supply, 48V DC, 480W

FLOWIRE ETHERNET CONVERTER, DC VOLTAGE

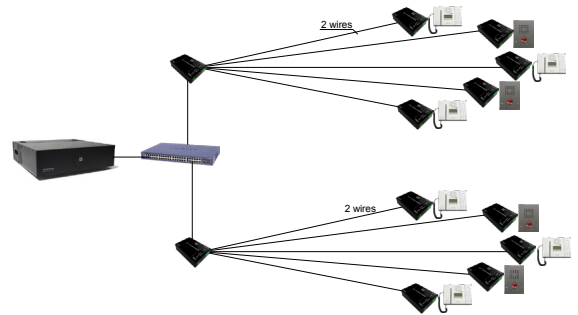
Star wired system

Exchange side Remote side



Star wired system

Exchange side Remote side



Bus based system

Exchange side Remote side

