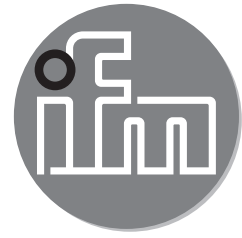


ifm electronic



Installation Instructions
Voltage converter
E30406

UK

704697 / 00 11 / 2009

1 Safety instructions

- Please read this document prior to set-up of the unit. Ensure that the product is suitable for your application without any restrictions.
- If the operating instructions or the technical data are not adhered to, personal injury and/or damage to property can occur.

2 Functions and features

The unit provides a 24 V voltage for the supply of sensors in electrical systems with an operating voltage lower than 24 V.

3 Electrical connection

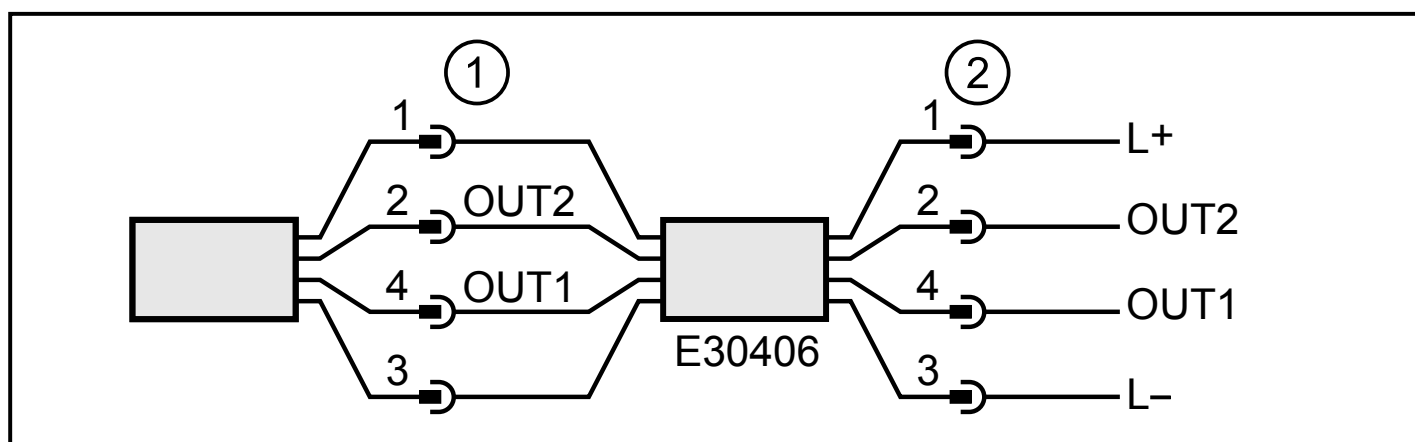


The unit must be connected by a qualified electrician.

The national and international regulations for the installation of electrical equipment must be adhered to.

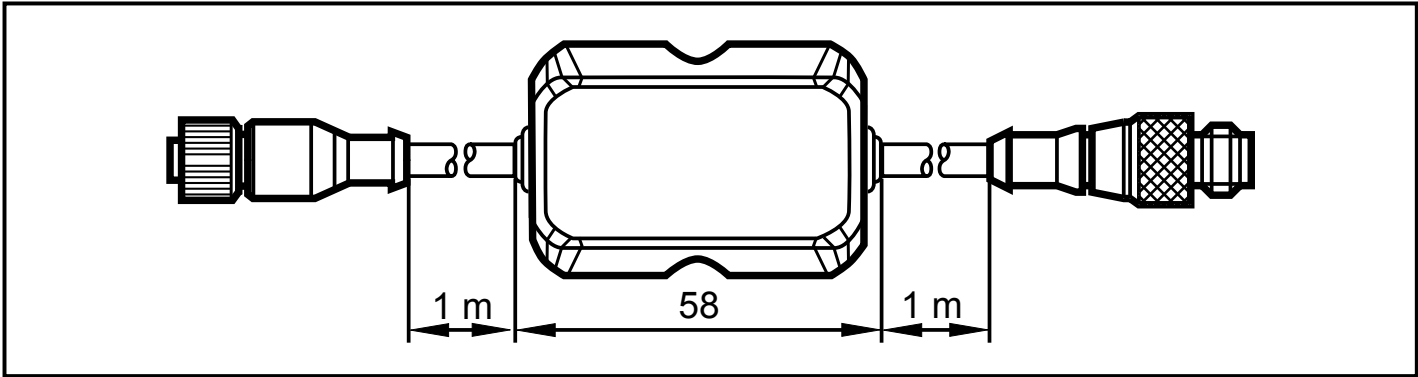
Voltage supply according to EN 50178, SELV, PELV.

- Disconnect power.
- Connect the unit as follows:



1	Socket M12	connection to the sensor
2	Plug M12	connection to supply voltage

4 Scale drawing



5 Technical data

UK

Input voltage [V].....	9...27 DC
Current consumption max. [mA]	500
Sensor supply	
Supply voltage [V]	24 DC
Operating current max. [mA]	125
Materials	housing: PBT GF cable: PUR; connector housing: TPU orange; sealing: Viton; nut: brass nickel-plated
Protection	IP 40, III
Ambient temperature [°C]	-25...70
EMC EN 61000-4-2 ESD:	4 / 15 kV
EN 61000-4-3 HF radiated:	30 V/m (80...1000 MHz)
EN 61000-4-4 Burst:	2 kV coupling clamp
EN 61000-4-6 HF conducted:	10 V (0.15...80 MHz)

Further information at
www.ifm.com → Select your country → Data sheet direct: