



CE

Installation Instructions  
Voltage converter  
**E30406**

UK

# 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.

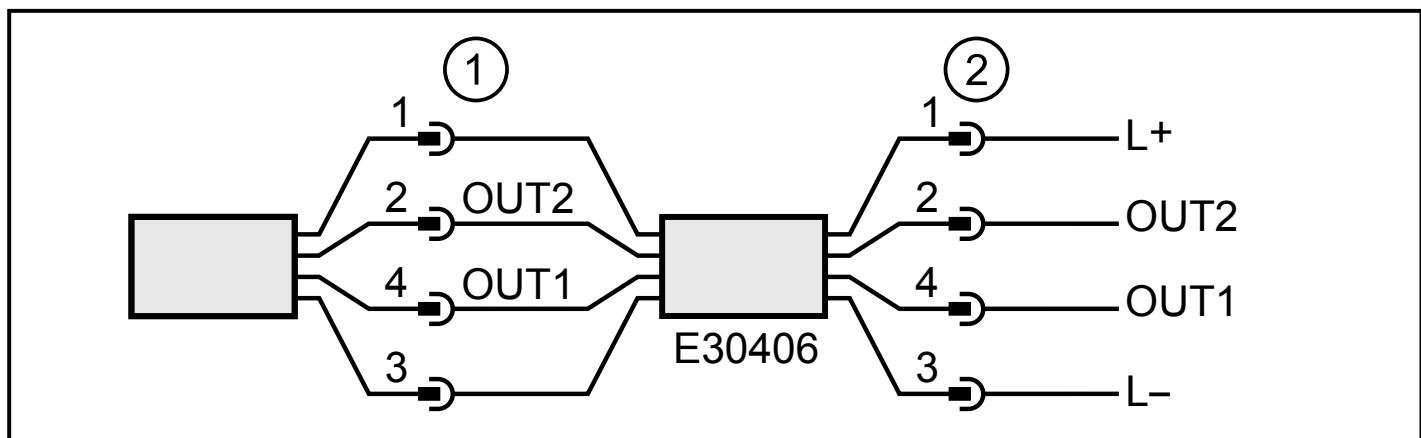
# 2 Functions and features

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

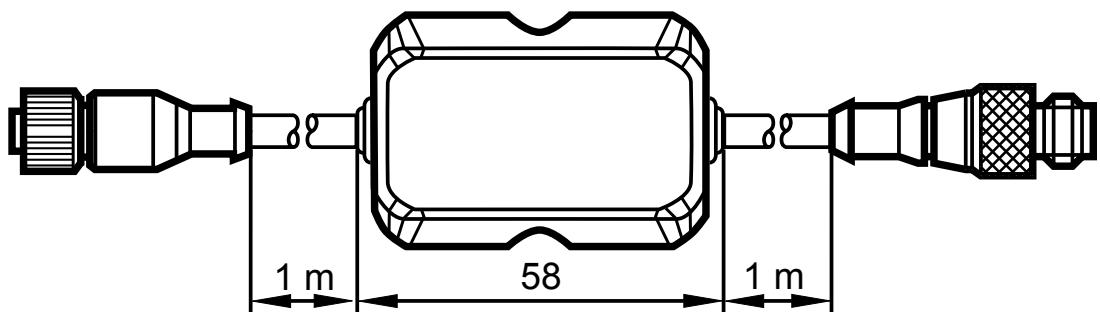
**!** The unit must be connected by a qualified electrician.  
The national and international regulations for the installation of electrical equipment must be adhered to.  
Voltage supply according to EN 50178, SELV, PELV.

- 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](http://www.ifm.com) → Select your country → Data sheet direct: