Eltako
ELECTRONICS

IR scanner for energy meter data gateway FSDG14 CE

AIR

Temperature at mounting location:
-20°C up to +50°C.
Storage temperature: -25°C up to +70°C.
Relative humidity:
annual average value <75%.

Magnetic infrared opto head for reading out electronic energy meters with IEC 62056-21 IR interface.

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The AIR data interface is an infrared RS232 interface acc. to IEC 1107 or EN61107 specification with a magnetic head. The interface serves as a data-side connecting unit between the infrared port of the energy meter and the serial input of the FSDG14 data gateway.

Open, tinned cable ends for connection to the terminals of the data gateway FSDG14. Cable length 0.75 m.

Technical data

Supply voltage	+12 V DC (±10%)
Supply by FSDG14	
Current consumption	10 mA
Cable colours	+12 V = yellow, GND = green, Rx = red (brown), Tx = black (white)
Rate of transmission	9600 Baud
Wave length	940 nm
Dimensions	Ø 32 mm Height 20 mm Length without cable 45 mm
protection class	IP 50

Must be kept for later use!

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