



Pin	Signal	Description
1	VCC	7-13 Volt
2	B+	Data A (non-Inverting Pin)
3	B-	Data B (Inverting Pin)
4	GND	Ground

OP-410

Optical probe with RS-485 output signal

Overview

OP-410 is an IEC62056-21 optical head with RS485 (RJ-10) output that communicates with all types of metering devices that are compliant with IEC62056-21 standard via infrared. This device can be used for onsite reading and configuring of all types of meters or other devices that are compatible with IEC62056-21 standard

Mechanical description

Connector	RJ-10
Infrared filter against external light influences	
Dimensions (Ø x H)	approx. 32 x 26 mm
Magnetical holding force	> 15 N
Casing material	ABS
Cable	Length 2 m, Ø 4,5 mm, four-wire cable LAPP GERMANY
Weight	approx. 90 gr

Electronical Description

Standard	IEC 62056-21 (IEC 1107)
Power supply	7-13 Volt
Consumed current	approx. 15 mA
Signal level	RS-485
Data baud rate	from 300 to 19200 bit/s
Wavelength	880nm
Echo filter	yes



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