AP-300
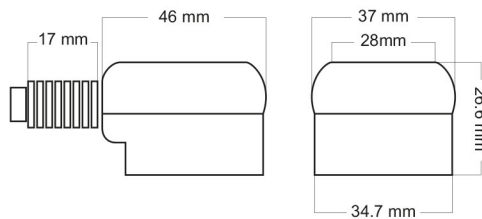## ANSI Optical Head with RS-232 output signal

Overview

AP-300 is an ANSI optical head with RS232 (DB9) output that communicates with all types of metering devices that are compliant with ANSI 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 ANSI C12.18 standard.

Mechanical Specification

▶ Connector   serial DB-9 female connector
▶ Infrared filter against external light influences
▶ Dimensions (Ø x H)   approx. 37 x 26 mm
▶ Magnetical holding force > 15 N
▶ Casing material   ABS
▶ Cable   length 2 m, Ø 4.5 mm, four-wire cable (LAPP KABEL GERMANY)
▶ Weight   approx. 110 gr

Electronical Specification

Standard	ANSI C12.18
Power consumption	approx. 9 mA (communication process)
Operating voltage	no power supply required. Supplied from RS-232 interface.
Data baud rate	300 to 57600 bit/s
Signal level	Compatible with EIA-232 (RS-232)
Communication	Half duplex
Wavelength	940nm
Echo filter	Yes

OP
Optical Port

RS-232

POWERFUL MAGNET

46 mm
17 mm
37 mm
28mm
26.6 mm
34.7 mm

GERMAN METERING GmbH

GM-0381-2006-PB-01

ROHS   CE