PP98E006
LASER SENSORS • POINTERS

MECHANICAL FEATURES

Ambient temperature	-10 °C ... 50 °C
Degree of protection (IP)	IP67
Diameter	15 mm
Housing coating	Chrome-plated
Housing material	Brass
Length	85 mm
Optic head material	Aluminum
Storage temperature	70 °C
Storage temperature	-10 °C
Thread length	26 mm
Thread pitch	1 mm
Thread size, metric	12

ELECTRICAL FEATURES

Interface	-
Measured value memory	-
Operating voltage	5 V ... 30 V
Reverse polarity protection	+
Rotating signaling route	-
Temperature drift	3 %/K
Type of electrical connection	Connector M12
Visible signaling route	-
Voltage type	DC

OPTICAL FEATURES

Angle of beam spread	90 °
Laser class	1
Light source	Laser diode, red light
Wavelength of the sensor	635 nm
Light beam form	Line
Laser focus distance	100 mm
Laser focus distance	100 mm ... 50000 mm
Laser class	1M

Other

Packaging dimensions	99.0mm x 60mm x 160mm
Shipping weight	0.1kg
Tariff code	90319000

Classification

ipf product group	700
eClass 8.0	21160106
eClass 9.0	21160106
eClass 9.1	21160106
ETIM-5.0	EC000641
ETIM-6.0	EC000641
ETIM-7.0	EC000641

Connection

Dimensional drawing

Installation

Mounting / installation may only be carried out by a qualified electrician!

Disposal

Software

Please download the software or driver required for operating your new device on our homepage: www.ipf.de

Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.
Never use these devices in applications where the safety of a person depends on their functionality.
LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.

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