

PP98E047
LASER SENSORS • POINTERS



MECHANICAL FEATURES

Ambient temperature (MAX)	45 °C
Degree of protection (IP)	IP67
Diameter	20 mm
Housing coating	Chrome-plated
Housing material	Brass
Length	136 mm
Optic head material	Aluminum
Storage temperature	60 °C
Storage temperature	-20 °C
Thread length	42 mm
Thread pitch	1 mm
Thread size, metric	18

ELECTRICAL FEATURES

Interface	-
Measured value memory	-
Operating voltage	5 V ... 30 V
Reverse polarity protection	+
Rotating signaling route	-
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, green light
Wavelength of the sensor	532 nm
Light beam form	Line
Laser focus distance	200 mm ... 50000 mm
Laser class	1M

Other

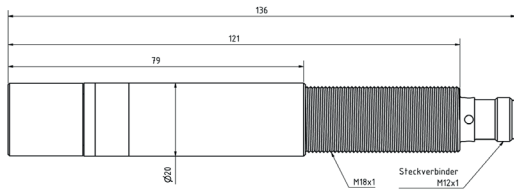
Packaging dimensions	99.0mm x 60mm x 160mm
Shipping weight	0.18kg
Tariff code	90319000

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.