

PP98E263

LASER SENSORS • POINTERS

laser pointer, M18x1 108long, Cross (X), 15°, Laser diode, green light, 520nm, 9-30V DC, M12-connector, IP67, Brass Chrome-plated, 5mW, focus 100-10000mm



MECHANICAL FEATURES

Ambient temperature	-10 °C ... 50 °C
Degree of protection (IP)	IP67
Diameter	20 mm
Housing coating	Chrome-plated
Housing material	Brass
Length	108 mm
Optic head material	Aluminum
Storage temperature	-40 °C ... 80 °C
Thread length	31 mm
Thread pitch	1 mm
Thread size, metric	18

ELECTRICAL FEATURES

Laser power	5 mW
Operating voltage	9 V ... 30 V
Reverse polarity protection	+
Rotating signaling route	-
Type of electrical connection	M12-connector
Visible signaling route	-
Voltage type	DC

OPTICAL FEATURES

Angle of beam spread	15 °
Light source	Laser diode, green light
Wavelength of the sensor	520 nm
Light beam form	Cross (X)
Laser focus distance	100 mm ... 10000 mm
Laser class	IV002184

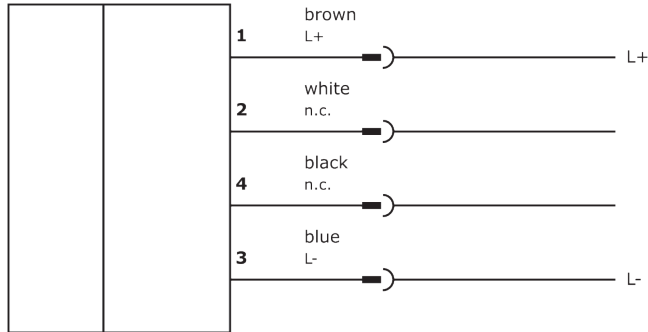
Other

Packaging dimensions	99.0mm x 60mm x 160mm
Shipping weight	0.15kg
Tariff code	90319000

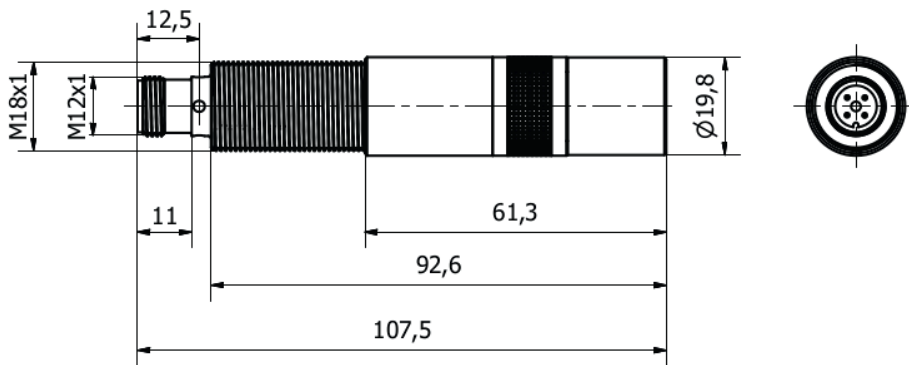
Classification

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



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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