

PT98C363

LASER SENSORS • DISTANCE MEASUREMENT

sensor laser, diffuse-reflection sensor, 50x212x96mm, Sn:200-30000mm, Triangulation, 10-30V DC, PNP, 4-20mA, Plug-in connection 8pin, IP66, Laser diode, red light

MECHANICAL FEATURES

Ambient temperature	-10 °C ... 60 °C
Degree of protection (IP)	IP66
Design	Cuboid
Housing coating	Anodized
Sensor height	50 mm
Sensor length	212 mm
Sensor width	96 mm
Storage temperature	-20 °C ... 70 °C
Volume	Large

ELECTRICAL FEATURES

Measuring method for optical distance measurement	Triangulation
Measuring range length	200 mm ... 30000 mm
No-load current	100 mA
Number of pins	8
Range	30000 mm
Scanning principle	Reflection sensor
Supply voltage	10 V ... 30 V
Type of analog output	4 mA ... 20 mA
Type of electrical connection	Plug-in connection
Type of switching output	PNP
Voltage type	DC

OPTICAL FEATURES

Light source	Laser diode, red light
Wavelength of the sensor	650 nm
With background lighting	+
Laser class	Class 2

Other

Packaging dimensions	125.0mm x 125.0mm x 280mm
Shipping weight	2.11kg
Tariff code	85365019

Classification

ipf product group	700
eClass 8.0	27270801
eClass 9.0	27270801
eClass 9.1	27270801
ETIM-5.0	EC001825
ETIM-6.0	EC001825
ETIM-7.0	EC001825

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.