

OT120126

OPTICAL SENSORS • DIFFUSE REFLECTION SENSORS WITH INTENSITY DIFFERENTIATION

sensor optical, diffuse-reflection sensor, M12x1 60long, Sn: 70-300, 10-35V DC, 1x PNP NO (NO), Connector M12 4pin, IP67, Brass Chrome-plated+Glass, 1kHz, Polarity free red light, Point, Manual adjustment



MECHANICAL FEATURES

Ambient temperature	-25 °C ... 55 °C
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing coating	Chrome-plated
Housing material	Brass
Material of optical surface	Glass
Max. tightening torque	10 Nm
Reflector included in the scope of delivery	-
Sensor length	60 mm
Thread length	41 mm
Thread pitch	1 mm
Thread size, metric	12
With interchangeable lens	-

ELECTRICAL FEATURES

Alarm output	-
Decay time	0.5 ms
Equipment protection class	Protection class 3
High repeat accuracy	-
Hysteresis	10 %
Interference suppression	-
Max. switching distance	300 mm
No-load current	15 mA
Number of pins	4
Number of switching outputs	1
Operating voltage	10 V ... 35 V
Pre-failure message	-
Rated switching current	200 mA
Readiness delay	60 ms
Residual ripple	20 %
Response time	0.5 ms
Reverse polarity protection	+
Scanning function	Light switching

ELECTRICAL FEATURES

Sensing range	70 mm ... 300 mm
Setting procedure	Manual adjustment
Short-circuit protection	+
Suitable for safety functions	-
Switching frequency	1000 Hz
Type of electrical connection	Connector M12
Type of switching function	Normally open contact (NO)
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With communication interface, RS-232	-
With LED display	+
With monitoring function of downstream devices	-
With other analog output	-
With restart lock	-
With time function	-

OPTICAL FEATURES

Light source	Polarity free red light
Wavelength of the sensor	660 nm
Light exit	Axial
Light beam form	Point
Small light beam diameter	-
Line scanner	-

OTHER FEATURES

Feeding technology	+
For gloss queries	-
Is line scan camera	-

Other

Packaging dimensions	180mm x 13.0mm x 210mm
Shipping weight	0.04kg
Tariff code	85365019

Classification

ipf product group	100
eClass 8.0	27270903
eClass 9.0	27270903
eClass 9.1	27270903
ETIM-5.0	EC001821
ETIM-6.0	EC001821
ETIM-7.0	EC001821

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Photoelectric Sensors](#) category:

Click to view products by [IPF ELECTRONIC](#) manufacturer:

Other Similar products are found below :

[7442AD2X5FRX](#) [EX-19B-LP](#) [7443AR0X5FRX](#) [7452AD4D4NNX](#) [F3WD052C5M](#) [7655AR-04-F-1-2-RX](#) [7694ADE04DS2X](#) [FE7C-FRC6S-M](#) [PM-R24-R](#) [Q45VR2FPQ](#) [E3JUXM4MN](#) [E3S3LE21](#) [E3SCT11M1J03M](#) [E3VDS70C43S](#) [E3XNM16](#) [BR23P](#) [HOA6563-001](#) [OJ-3307-30N8](#) [OS-311A-30](#) [P34036](#) [P60001](#) [PB10CNT15PO](#) [S14132](#) [S52101](#) [S56258](#) [SH-21E](#) [SH-32R](#) [FD-SN500](#) [SU-79](#) [T36342](#) [T40300](#) [T60001](#) [PD60CNX20BP](#) [FX-302-HY](#) [PX-22](#) [PZ2-51P](#) [CYNUTX10](#) [UZB802](#) [UZB803](#) [UZFRG1](#) [UZFRG4](#) [UZFRT4](#) [UZFTT8](#) [ZX-XC4A4M](#) [E3D-R3Y1](#) [E3E23Y2US](#) [E3E-R1Y2](#) [E3SDS20E1](#) [E3TFD14N](#) [E3XR-CC4](#)