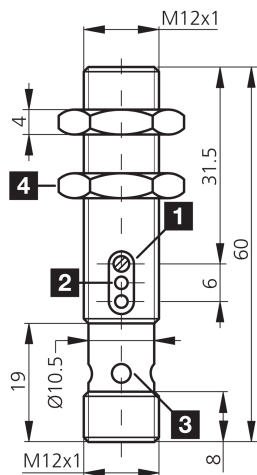




201524
OTV 12 M 300 N1K-IBSL
Retroreflective diffuse sensor

- Compact design
- Red light
- High resolution, switching accuracy, switching frequency
- Sensitivity is adjustable
- LED indication of switching state and functional reserve



1) sensitivity
 2) LED

3) LED 4 x 90° (yellow)
 4) Width over flats 17 mm

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Service voltage	10 ... 36 V DC
No-load current (max.)	20 mA
Insulation voltage endurance	1000 V
Thread	M12 x 1
Housing material	Brass (CuZn, nickel-plated)
Material	Glass (Window)
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective diffuse sensor
Evaluation	digital
Design	Thread
Switching output	npn, 200 mA, NO
Voltage drop (max.)	2 V
Light source	LED
Color	red
Wavelength	660 nm
Modulation	Clocked
Ambient light immunity	10 kLx
Scanning range	70 ... 300 mm
Standardized measuring plate	200 x 200 mm (white)



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OTV 12 M 300 N1K-IBSL

Retroreflective diffuse sensor

Technical data (typ.)	+20°C, 24 V DC
Switching hysteresis (max.)	10 %
Sensitivity adjustment	Potentiometer
Switching frequency	1000 Hz
Response time	0.50 ms
Release time	0.50 ms
Ambient temperature during operation	-25 ... +55 °C
Temperature drift	0.3 %/K
Protection type	IP 67
Connection	Connector, M12, 4-pin
More information / accessories	https://www.di-soric.com/201524