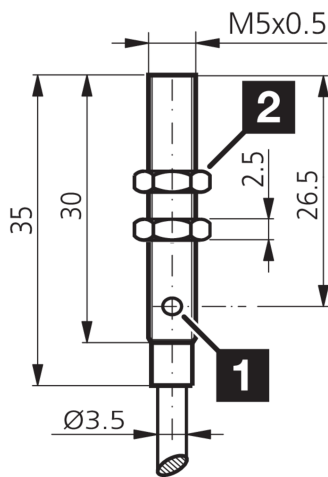




201519
OTV 05 V 50 P1K
Retroreflective diffuse sensor

- Compact design
- Infrared light
- High resolution
- Functional reserve



1) LED

2) Width over flats 7 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.)	15 mA
Insulation voltage endurance	500 V
Thread	M5 x 0.5
Housing material	Stainless steel (V2A 1.4301 / AISI 304)
Material of cable	PVC
Material	Glass (Window)
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective diffuse sensor
Evaluation	digital
Design	Thread
Switching output	pnp, 100 mA, NO
Voltage drop (max.)	2 V
Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	10 kLx
Scanning range	50 mm
Standardized measuring plate	100 x 100 mm (white)



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OTV 05 V 50 P1K
Retroreflective diffuse sensor

Technical data (typ.)	+20°C, 24 V DC
Switching hysteresis (max.)	10 %
Sensitivity adjustment	no setting elements
Switching frequency	250 Hz
Response time	3.0 ms
Release time	3.0 ms
Ambient temperature during operation	-25 ... +55 °C
Temperature drift	0.3 %/K
Protection type	IP 67
Connection	Cable, 2.0 m
More information / accessories	https://www.di-soric.com/201519