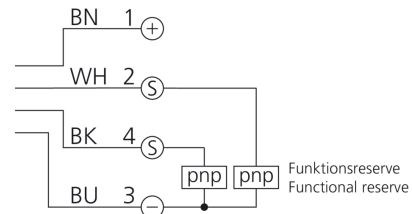
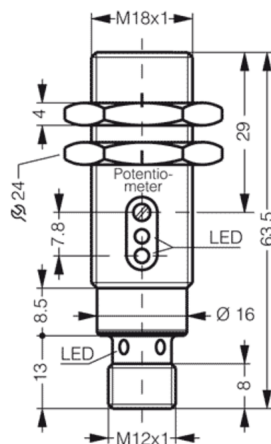




204310 OTV 18 M 600 P1FK-IBSL Retroreflective diffuse sensor

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



- 1) Potentiometer
2) LED
3) LED 4 x 90° (yellow)
4) Width over flats 24 mm
- BK: black BN: brown BU: blue WH: white

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	M18 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	pnp, 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	600 mm
Standardized measuring plate	200 x 200 mm (white)



204310
OTV 18 M 600 P1FK-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
Connection cable	VK ...
More information / accessories	https://www.di-soric.com/204310