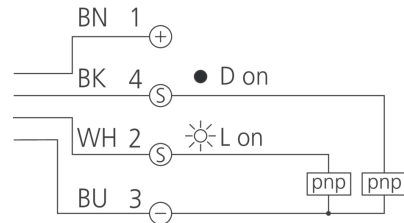
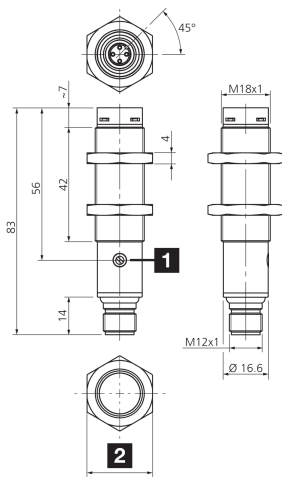




208302
OR 18-1 M 3000 P4-B4
Retroreflective sensor

- Compact design
- Red light
- Polarization filter
- Sensitivity is adjustable
- High resolution, switching frequency, functional reserve
- Long range
- Antivalent output



1) Potentiometer

2) 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 ... 30 V DC
No-load current (max.)	30 mA
Insulation voltage endurance	500 V
Thread	M18 x 1
Housing length	83 mm
Housing material	Brass (CuZn, nickel-plated)
Material	PMMA (Window)
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective sensor
Evaluation	digital
Design	Thread
Switching output	pnp, 100 mA, antivalent
Voltage drop (max.)	2 V
Light source	LED
Color	Red
Wavelength	660 nm
Modulation	Clocked, polarized
Ambient light immunity	5 kLx Halogen light, 10 kLx Sunlight
Range	3000 mm
Referring reflector	Ø 84 mm, R 84



208302
OR 18-1 M 3000 P4-B4
Retroreflective sensor

Technical data (typ.)	+20°C, 24 V DC
Switching hysteresis (max.)	10 %
Sensitivity adjustment	Potentiometer
Switching frequency	250 Hz
Response time	2.0 ms
Release time	2.0 ms
Ambient temperature during operation	-25 ... +70 °C
Temperature drift	3 mm/K
Protection type	IP 67
Connection	Connector, M12, 4-pin
More information / accessories	https://www.di-soric.com/208302