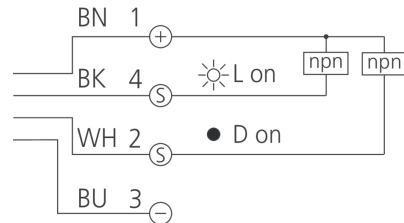
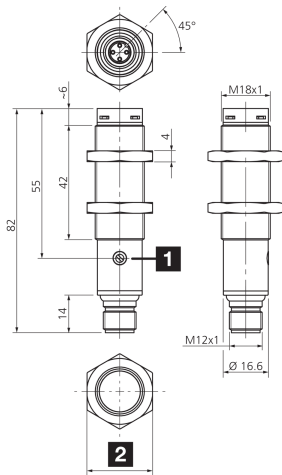


208329

OT 18 M 1000 N4-B4

Retroreflective diffuse sensor

- Compact design
- Infrared light
- Sensitivity is adjustable
- High resolution, switching frequency, functional reserve
- High scanning 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	82 mm
Housing material	Brass (CuZn, nickel-plated)
Material	Polycarbonate (Window)
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective diffuse sensor
Evaluation	digital
Design	Thread
Switching output	npn, 100 mA, antivalent
Voltage drop (max.)	2 V
Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	5 kLx Halogen light, 10 kLx Sunlight
Scanning range	1000 mm
Standardized measuring plate	400 x 400 mm (white)



208329

OT 18 M 1000 N4-B4

Retroreflective diffuse 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

1 mm/K

Protection type

IP 67

Connection

Connector, M12, 4-pin

**More information / accessories**

<https://www.di-soric.com/208329>