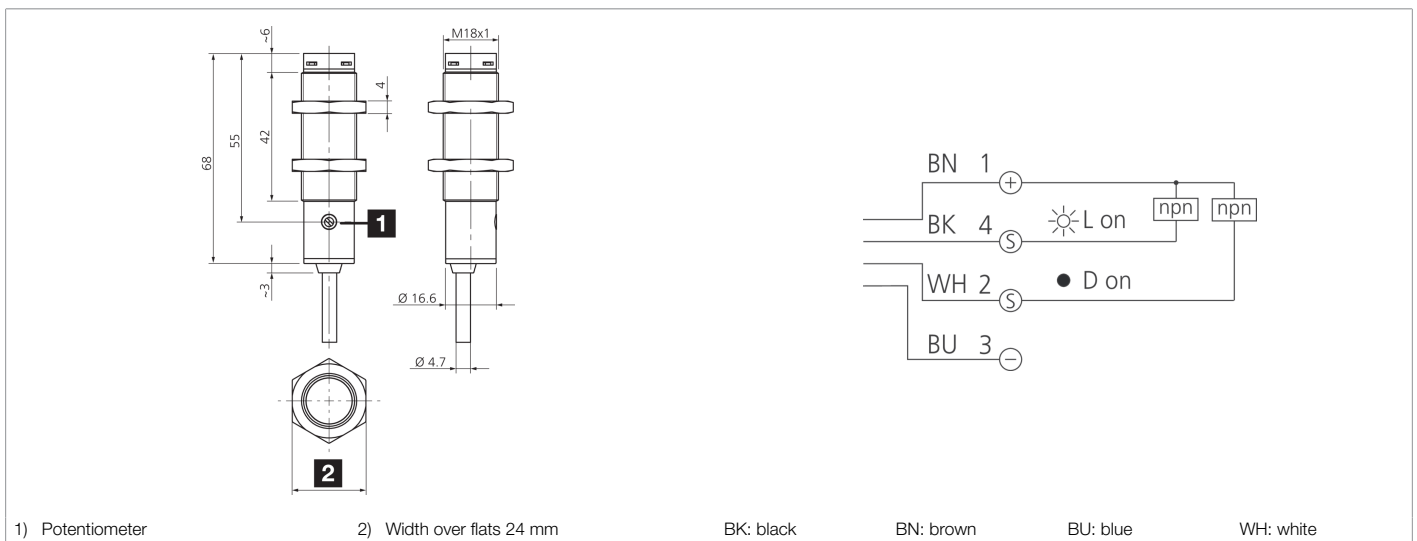




**208328**  
**OT 18 M 1000 N4-4**  
**Retroreflective diffuse sensor**

- Compact design
- Infrared light
- Sensitivity is adjustable
- High resolution, switching frequency, functional reserve
- High scanning range
- Antivalent output



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 material	Brass (CuZn, nickel-plated)
Material of cable	PVC
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)



**208328**

**OT 18 M 1000 N4-4**

**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	Cable, 2.0 m, 4-pin (flying leads)

**More information / accessories**

<https://www.di-soric.com/208328>