



di-soric OT 18 FM 400 N3 Diffuse Sensor Owner's Manual

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207927
OT 18 FM 400 N3
Diffuse sensor

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OT 18 FM 400 N3 Diffuse Sensor



<https://di-soric.com/int-de/PM/207927>

- Universal mounting options
- Low installation depth
- Sensitivity is adjustable
- LED switching status display
- Metal casing

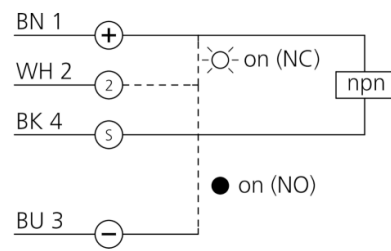


BK: black

BN: brown

BU: blue

WH: white



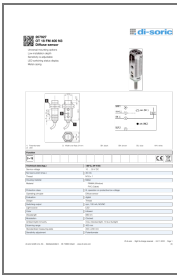
Function



Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 30 V DC
No-load current (max.)	30 mA
Thread	M18 x 1
Housing material	Metal
Material	■ PMMA (Window) ■ PVC (Cable)
Protection class	III, operation on protective low voltage
Operating principle	Diffuse sensor
Evaluation	digital
Design	Thread
Switching output	npn, 100 mA, NO/NC
Light source	LED
Color	Infrared
Wavelength	880 nm
Modulation	Clocked
Ambient light immunity	3 kLx Clocked light, 10 kLx Sunlight
Scanning range	400 mm
Standardized measuring plate	200 x 200 mm
Sensitivity adjustment	Potentiometer
Switching frequency	1.000 Hz
Response time	0,50 ms
Release time	0,50 ms
Ambient temperature during operation	-25 ... +55 °C
Protection type	IP 67
Connection	Cable, 2,0 m
More information / accessories	https://www.di-soric.com/207927

di-soric GmbH & Co. KG . Steinbeisstraße 6 .
DE-73660 Urbach . www.di-soric.com
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Documents / Resources



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OT 18 FM 400 N3 Diffuse Sensor, OT 18 FM 400 N3, Diffuse Sensor, Sensor