


**201530**
**OTV 18 M 600 P1K**
**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

**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 of cable	PVC
Material	<ul style="list-style-type: none"> <li>■ Glass (Window)</li> <li>■ PVC (Cable)</li> </ul>
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)
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
Protection type	IP 67
Connection	Cable, 2.0 m

**More information / accessories**
<https://www.di-soric.com/201530>