



**203668**  
**LTV 18 M 600 P1FK-IBSL**  
**Retroreflective diffuse sensor**

- Compact design
- Red-light laser
- Sensitivity is adjustable
- High resolution, switching frequency, functional reserve



1) LED  
2) LED 4 x 90° (yellow)  
3) Width over flats 24 mm  
4) Laser beam exit

BK: black    BN: brown    BU: blue    WH: white

Function										

Technical data (typ.)	+20°C, 24 V DC
Service voltage	10 ... 36 V DC
Thread	M18 x 1
Housing material	Stainless steel (V2A 1.4301 / AISI 304)
Material	Glass (Window)
Operating principle	Retroreflective diffuse sensor
Design	Thread
Switching output	pnp, 200 mA, NO
Voltage drop (max.)	2 V
Light source	Laser
Laser class	2 (IEC 60825-1)
Color	Red
Wavelength	660 nm
Modulation	Clocked
Ambient light immunity	10 kLx
Scanning range	60 ... 600 mm
Standardized measuring plate	100 x 100 mm (white)
Switching hysteresis (max.)	10 %
Sensitivity adjustment	Potentiometer
Switching frequency	1000 Hz



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LTV 18 M 600 P1FK-IBSL

Retroreflective diffuse sensor

**Technical data (typ.)**

**+20°C, 24 V DC**

Ambient temperature during operation

-10 ... +50 °C

Protection type

IP 67

Connection

Connector, M12, 4-pin

Connection cable

VK ...

**More information / accessories**

<https://www.di-soric.com/203668>