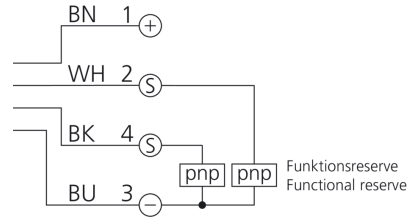
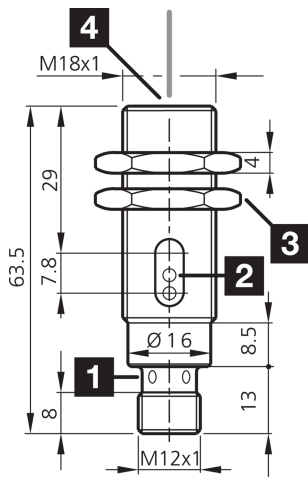




203668
LTV 18 M 600 P1FK-IBSL
Retroreflective diffuse sensor

- 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



203668

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>