

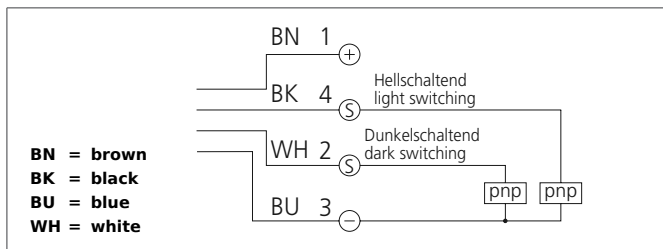
LTV 18 M 600 P4K-IBSL

Laser Diffuse Sensor

- Compact design
- Red light laser, clocked
- Sensitivity adjustable
- High resolution, operating frequency, functional reserve

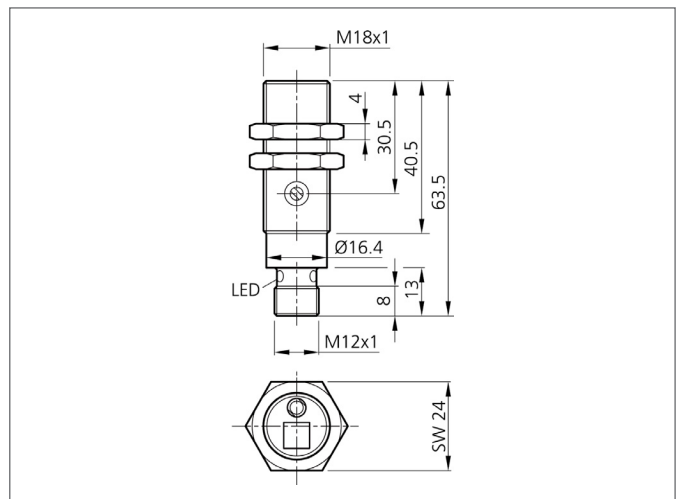


CE



Safety instructions

Inproper use may result in hazardous radiation exposure. Pay attention to accident prevention rules and laser class. The instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments. These instruments shall exclusively be used by qualified personnel. Repair only by di-soric.



TECHNICAL INFORMATION		+20°C, 24V DC
Evaluation		digital
Size		M18 (Gewinde)
Design		screw
Emitted light		Red light laser, 660 nm, clocked
Standardized measuring plate		100 x 100 mm, white
Service voltage		10 ... 36 V DC
background suppression		no
Operating distance		60 ... 600 mm
Laser class		2 (EN 60825-1)
Output		pnp, 200 mA, NO/NC, exclusive OR
Sensitivity adjustment		potentiometer
Internal power consumption		< 20 mA
Voltage drop		< 2,0 V
Operating frequency		1.000 Hz
Switching hysteresis		< 10 %
Ambient temperature		-10 ... +50 °C
Ambient light immunity		> 10 kLx
Protection class		IP 67
Casing material		stainless steel
Material		glass (Window)
Connection		Connector, M12, 4-poled