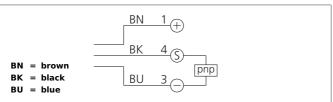
LLRV 51 M 500 P3K-TSSL

Laser Line Retroreflective Sensor

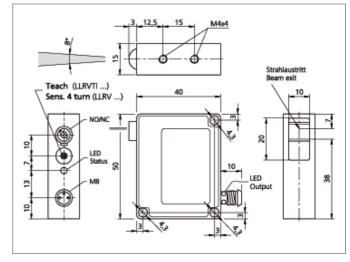
- Fan-shaped laser beam with auto-collimation principle
- Detection of smallest parts within the entire active zone
- Red light laser, clocked
- 4-turn potentiometer
- Robust metal casing





Safety instructions

Inproper use may result in hazardous radiation exposure. Pay attention to accident prevenetion 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.



Evaluation digital Size 50 x 40 x 15 mm (Dimensions) Design cuboid design Emitted light Red light laser, 670 nm, clocked Operating distance 50 500 mm Service voltage 10 35 V DC Laser class 2 (EN 60825-1) Output pnp, 200 mA, NO/NC, switchable Sensitivity adjustment potentiometer Internal power consumption < 30 mA Operating frequency 750 Hz Resolution 25 100 % covering of laser line Ambient temperature +5 +50 °C Ambient light immunity > 15 kLx Protection class IP 67 Casing material die-cast zinc lacquered finish Material polymethyl methacrylate (Window)	TECHNICAL INFORMATION	+20°C, 24V DC
Designcuboid designEmitted lightRed light laser, 670 nm, clockedOperating distance50 500 mmService voltage10 35 V DCLaser class2 (EN 60825-1)Outputpnp, 200 mA, NO/NC, switchableSensitivity adjustmentpotentiometerInternal power consumption< 30 mA	Evaluation	digital
Emitted lightRed light laser, 670 nm, clockedOperating distance50 500 mmService voltage10 35 V DCLaser class2 (EN 60825-1)Outputpnp, 200 mA, NO/NC, switchableSensitivity adjustmentpotentiometerInternal power consumption< 30 mA	Size	50 x 40 x 15 mm (Dimensions)
Operating distance 50 500 mm Service voltage 10 35 V DC Laser class 2 (EN 60825-1) Output pnp, 200 mA, NO/NC, switchable Sensitivity adjustment potentiometer Internal power consumption < 30 mA Operating frequency 750 Hz Resolution 25 100 % covering of laser line Ambient temperature +5 +50 °C Ambient light immunity > 15 kLx Protection class IP 67 Casing material die-cast zinc lacquered finish	Design	cuboid design
Service voltage 10 35 V DC Laser class 2 (EN 60825-1) Output pnp, 200 mA, NO/NC, switchable Sensitivity adjustment potentiometer Internal power consumption < 30 mA Operating frequency 750 Hz Resolution 25 100 % covering of laser line Ambient temperature +5 +50 °C Ambient light immunity > 15 kLx Protection class IP 67 Casing material die-cast zinc lacquered finish	Emitted light	Red light laser, 670 nm, clocked
Laser class 2 (EN 60825-1) Output pnp, 200 mA, NO/NC, switchable Sensitivity adjustment potentiometer Internal power consumption < 30 mA Operating frequency 750 Hz Resolution 25 100 % covering of laser line Ambient temperature +5 +50 °C Ambient light immunity > 15 kLx Protection class IP 67 Casing material die-cast zinc lacquered finish	Operating distance	50 500 mm
Outputpnp, 200 mA, NO/NC, switchableSensitivity adjustmentpotentiometerInternal power consumption< 30 mA	Service voltage	10 35 V DC
Sensitivity adjustment potentiometer Internal power consumption < 30 mA Operating frequency 750 Hz Resolution 25 100 % covering of laser line Ambient temperature +5 +50 °C Ambient light immunity > 15 kLx Protection class IP 67 Casing material die-cast zinc lacquered finish	Laser class	2 (EN 60825-1)
Internal power consumption < 30 mA Operating frequency 750 Hz Resolution 25 100 % covering of laser line Ambient temperature +5 +50 °C Ambient light immunity > 15 kLx Protection class IP 67 Casing material die-cast zinc lacquered finish	Output	pnp, 200 mA, NO/NC, switchable
Operating frequency 750 Hz Resolution 25 100 % covering of laser line Ambient temperature +5 +50 °C Ambient light immunity > 15 kLx Protection class IP 67 Casing material die-cast zinc lacquered finish	Sensitivity adjustment	potentiometer
Resolution 25 100 % covering of laser line Ambient temperature +5 +50 °C Ambient light immunity > 15 kLx Protection class IP 67 Casing material die-cast zinc lacquered finish	Internal power consumption	< 30 mA
Ambient temperature +5 +50 °C Ambient light immunity > 15 kLx Protection class IP 67 Casing material die-cast zinc lacquered finish	Operating frequency	750 Hz
Ambient light immunity > 15 kLx Protection class IP 67 Casing material die-cast zinc lacquered finish	Resolution	25 100 % covering of laser line
Protection class IP 67 Casing material die-cast zinc lacquered finish	Ambient temperature	+5 +50 °C
Casing material die-cast zinc lacquered finish	Ambient light immunity	> 15 kLx
·	Protection class	IP 67
Material polymethyl methacrylate (Window)	Casing material	die-cast zinc lacquered finish
	Material	polymethyl methacrylate (Window)
Connection Connector, M8, 3-poled	Connection	Connector, M8, 3-poled

