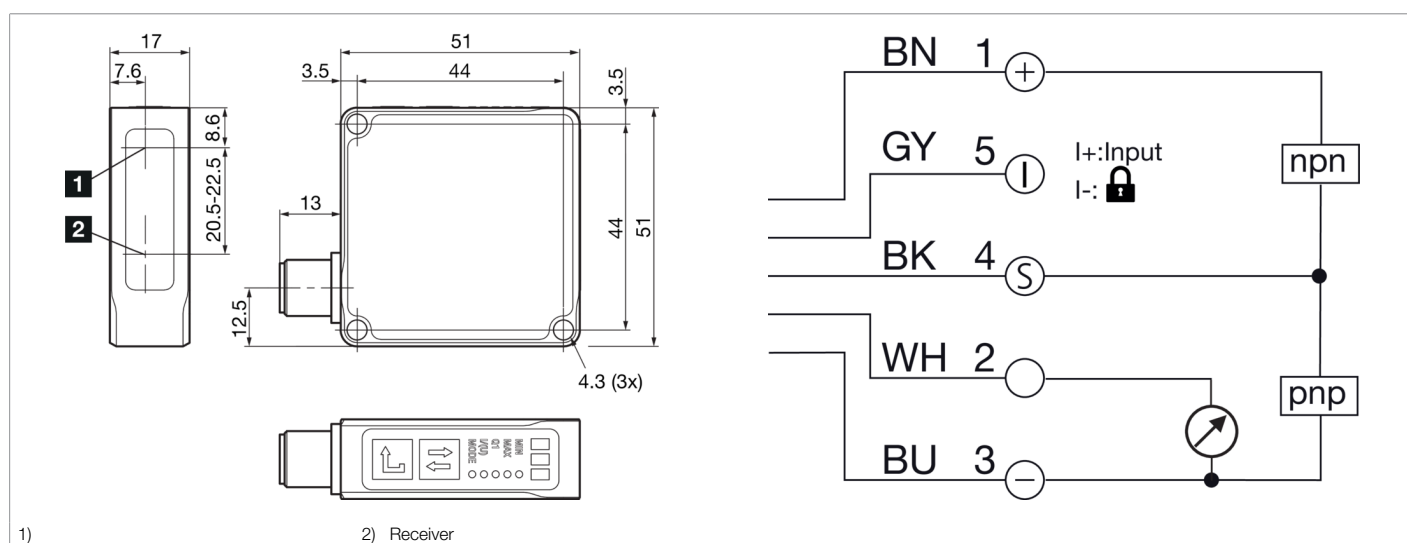


**212856
LAT52-200IU-B5**

[Click Here for a Quote - customer@di-soric.com](mailto:customer@di-soric.com)

- IO-Link
- Precisely linearized object detection
- Large detection range
- 3 operating modes as an IO-Link parameter
- Laser class 1
- Red-light laser, with small laser spot
- Analog voltage output
- Analog current output
- Easy to operate
- Robust metal housing

di-soric



Function									

Technical data (typ.)	+20°C, 24 V DC
Service voltage	18 ... 30 V DC
No-load current (max.)	60 mA
Voltage drop (max.)	2,0 V
Insulation voltage endurance	500 V
Housing material	Aluminum (Black, Anodized)
Weight	102 g
Protection class	III, operation on protective low voltage
Switching output	Push-pull, 100 mA
Laser class	1 (IEC 60825-1)
Light source	Laser (Clocked)
Light spot size	Ø 1.0 mm
Ambient light immunity	5 kLx
Scanning range	50 ... 200 mm (adjustable)
Detection range	50 ... 100 mm (6 to 90 % reflectivity, Range 1)
Detection range 2	100 ... 200 mm (6 to 90 % reflectivity, Range 2)
Resolution	0,02 ... 0,05 mm
Switching hysteresis (max.)	0,5 mm
Reproducibility	0.05 to 0.1 mm
Sensitivity adjustment	Teach button
Display	LED Green - Status, yellow - Switching output, Red - Interference

212856
LAT52-200IU-B5

Technical data (typ.)	+20°C, 24 V DC
Measuring frequency	750 Hz
Readiness delay (max.)	300 ms
Shock/vibration load	10 ... 55 Hz / 0,5 mm / 30 g
Ambient temperature during operation	0 ... +50 °C
Temperature drift	0,04 %/K
Protection type	IP 67
Connection	Connector, M12, 5-pin
More information / accessories	https://www.di-soric.com/212856