Vision & Control GmbH
Phone: +49 36 81 / 79 74 11
www.vision-control.com

vicolux® Telecentric Light - TZB130-R625-24V

Short description: telecentric light, red, lf diameter: 130 mm, static, cable open-ended

Order number: 1-10-185

EAN: 4251692646168

Characteristics

- telecentric LED lighting - parallel (collimated) beam path
- ideal as backlight in combination with telecentric lenses
- for the targeted highlighting of edges and surface structures as well as for the detection of inclusions and defects in transparent materials
- lighting controller integrated in the housing - brightness adjustable
- connection: cable with M8 connector
- diverse attachment options and extensive accessories

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Technical data

Light-emitting surface	Diameter: 130 mm
Light design	Telecentric
Light colour (typ.)	Red, 625 nm
Luminous flux (typ.)	5 mlm
Operating mode	Switchable continuous operation
Special feature	Brightness setting manually on the potentiometer
Operation voltage	24 VDC (10 - 30 V)
Power consumption	max. 3.6 W (150 mA at 24 VDC)
Housing material	Aluminium, black anodised
Optical material	Glass
Filter thread	M144 x 0.75 - depth 5 mm
Weight	4,930 g
Degree of protection	IP50
Safety class	Class III, safety extra low voltage (SELV)
Risk group (DIN EN 62471)	Freie Gruppe
Ambient temperature	-10 °C bis +45 °C
Cable	
Cable length	1,500 mm
Cable diameter	6.5 mm
Cable structure	4 x 0.25 mm² and 3 x 0.5 mm²
Drag chain suitable	yes

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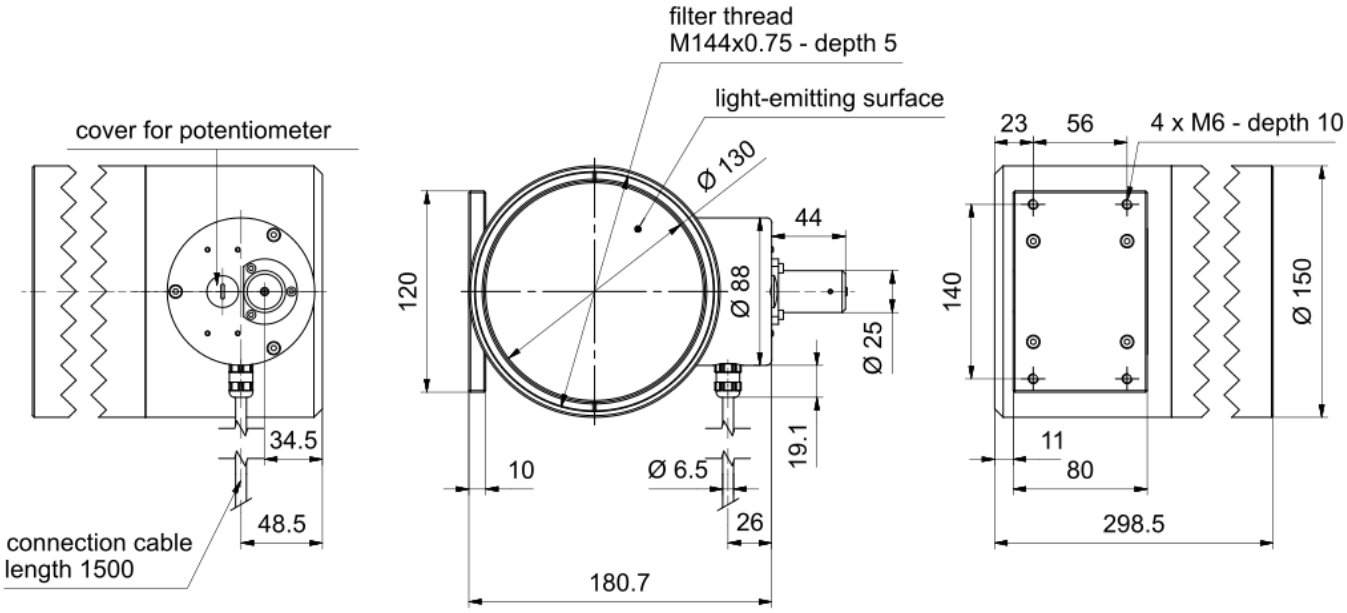
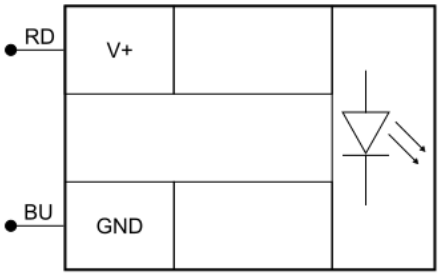
Drawings



Dimensional drawing in mm



Core colour	Signal	Description
RD (red)	V+	Operating voltage
BU (blue)	GND	Ground

Pin assignment: cable open, 2-core