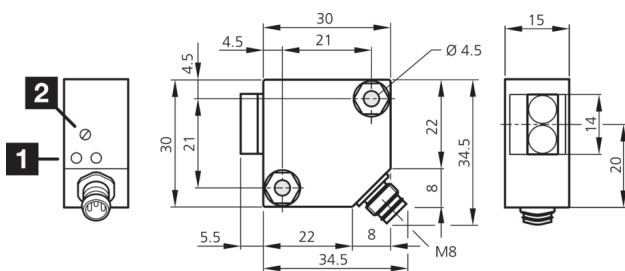
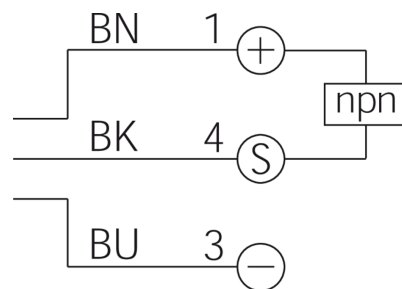


Retroreflective sensor

-



BU: blue



A schematic diagram of a closed system. On the left, a vertical cylinder with a piston is shown. On the right, a vertical cylinder contains a heat reservoir, represented by a series of downward-pointing triangles. Two horizontal arrows connect the two cylinders: the top arrow points from the cylinder to the reservoir, and the bottom arrow points from the reservoir to the cylinder.



+20°C, 24 V DC

Service voltage	10 ... 36 V DC
No-load current (max.)	15 mA
Insulation voltage endurance	500 V
Housing dimensions	30 x 30 x 15 mm
Housing length	30 mm
Housing height	30 mm
Housing width	15 mm
Housing material	Plastic (PBT)
Material	Glass (Window)
Protection class	III, operation on protective low voltage
Operating principle	Retroreflective sensor
Evaluation	digital
Design	Cuboid design
Characteristics	Integrated polarization filter
Switching output	npn, 200 mA, NC
Voltage drop (max.)	2 V
Light source	LED
Color	red
Wavelength	660 nm
Modulation	Clocked
Ambient light immunity	10 kLx
Range	200 ... 2000 mm
Referring reflector	Ø 84 mm, R 84
Switching hysteresis (max.)	10 %
Sensitivity adjustment	Potentiometer (12-turn)
Switching frequency	1000 Hz



202461
ORV 30 K 2000 N1K-TSSL
Retroreflective sensor

Technical data (typ.)		+20°C, 24 V DC
Response time		0.50 ms
Release time		0.50 ms
Ambient temperature during operation		-25 ... +55 °C
Protection type		IP 67
Connection		Connector, M8, 3-pin
Connection cable		TK ...
More information / accessories		https://www.di-soric.com/202461