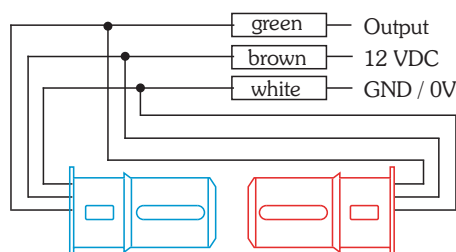
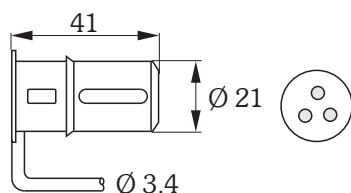
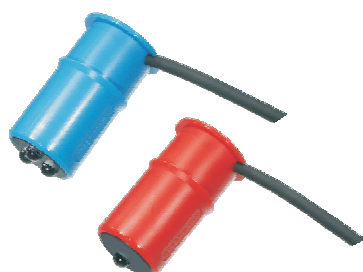
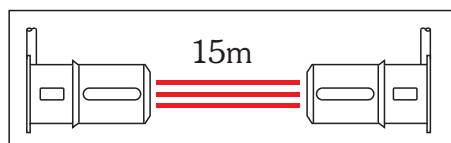


Optoelectronic safety edges



OS 21-3K (3-beams, 2x infrared light and 1x visible red light)

- wide range 15m
- compatible interface
- state-of-the-art microprocessor technology
- automatic adjustment to door width
- compensation for environmental factors
- low actuation forces
- continuous dynamic level control
- easy assembling
- high degree of protection for sensors, fully encapsulated
- direct connection to many control systems

Technical data

Range	1...15m
Operating voltage	12 VDC +/- 10%
Current consumption	max. 50mA
Type of light	infrared, 880nm, pulsed visible red light 670nm, pulsed
Aperture	16° total angle
Operating temperature	-30°C...+75°C
Casing material	PA6 plastic
Connection cable	PUR-Material, LiYY11Y halogen-free, acid and oil-resistant 3 x 0.14mm ² , Ø 3.4mm
Degree of Protection	IP 67 according to EN60529, fully encapsulated
Output	Pulsed push-pull, max. 10mA loading, short-circuit proof
Levels	low-level 0...1V high-level 3...5V
Signal frequency	typically 800Hz (0.5kHz...1kHz)
Output delay	approx. 5ms

Ordering details

Transmitter:	order number	cable lengths
OS 21-3KT/10.5m	1.113 685-105	10.5 meter
OS 21-3KT/15.0m	1.113 685-150	15.0 meter
Receiver:		
OS 21-3KT/1.0m	1.113 686-010	1.0 meter

*further cable lengths available on request