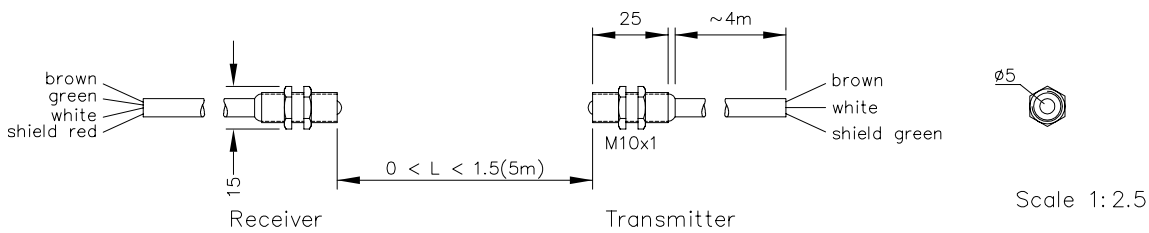



## Transmitter-Receiver Optic Head Type O for external control unit





0 - 1,5m  
(0 - 5m)

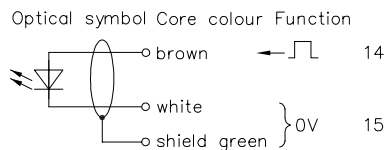
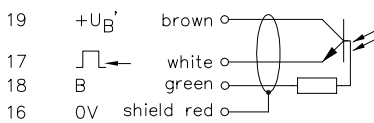
Transmitter-Receiver  
Optic Heads

0

Order No.:

3231

### Connection of optical elements:



### Technical Characteristics:

Housing	brass, nickel-plated
Weight	approx. 2x130g incl. 4m cable each
Protection mode	IP65
Connection	Transmitter 2-core cable (4m), shielded Receiver 3-core cable (4m), shielded
Receiver element	Si phototransistor
Transmitting light	GaAs 880nm, invisible
Photov. elem. dia. T/R	ø=5/5mm
Angle of beam spread T/R	approx. 20/15°
Ambient temperature	-25...+60°C
Range	in clear air without diaphragms: 1,5m with PP2..00-2 5m with PP2..10-2

### Features:

Photov. elem. dia. T/R ø= 1/1mm, pw  
 Angle of beam spread pw approx. 40°  
 Cable with increased resistance to oil, ö  
 Cable plug on request

### Accessories:

Control units PP2..00-2 or PP2..10-2  
 Diaphragms  
 Optical filters

**Caution:** Permissible optical cable lengths max. 4m without any loss of power! If possible, do not lay the transmitter and receiver cables parallel to each other! Close staggering of more than one light beam is only permissible when using multiplex systems.