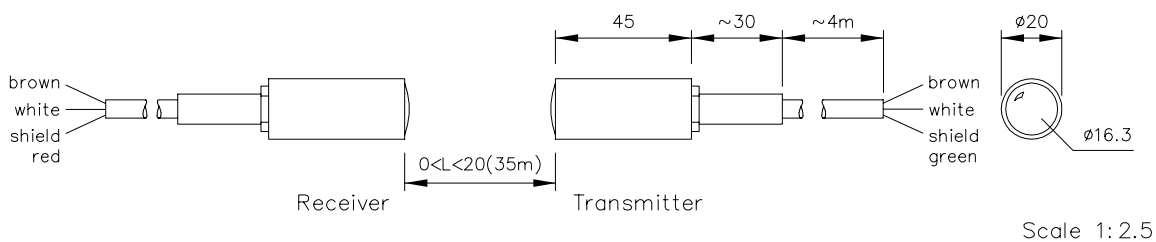



Transmitter-Receiver Optic Head Type Ev with driver stage (v) for external control unit





0 - 20m
(0 - 35m)

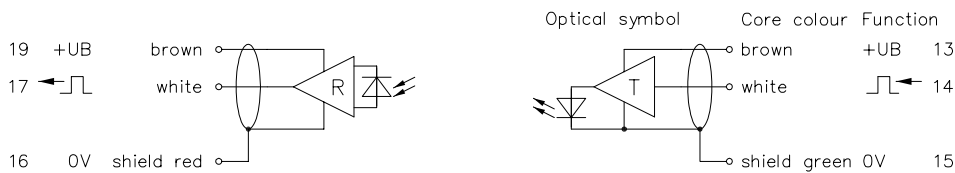
Transmitter-Receiver
Optic Heads
with
driver stage

Ev

Order No.:

3174

Connection of optical elements:



Technical Characteristics:

Housing objective	brass
Housing optical elements	brass, nickel-plated
Weight	approx. 2x220g incl. 4m cable each
Protection mode	IP65
Connection	2-core cable (4m), shielded
Receiver element	Si phototransistor
Transmitting light	GaAs 880nm, invisible
Photov. elem. dia. T/R	φ=5/5mm
Light beam diameter	approx. φ1500mm/10m
Ambient temperature	-25...+60°C
Range	in clear air without diaphragms: 20m with PP2..00-2 35m with PP2..10-2

Features:

Photov. elem. dia. T/R φ= 1/1mm, pw
 Light beam diameter pw approx. φ400mm/10m
 Cable with increased resistance to oil, ö
 Cable lengths up to 40m on request
 Cable plug on request

Accessories:

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

Caution: Permissible optical cable lengths max. 40m 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.