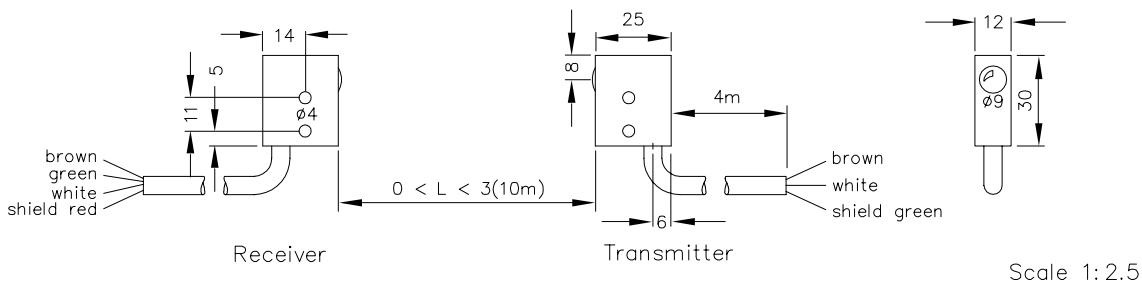



Transmitter-Receiver Optic Head Type FL for external control unit





0 - 3m
(0 - 10m)

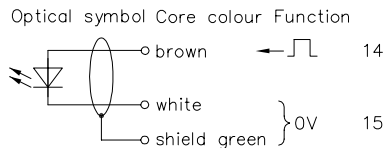
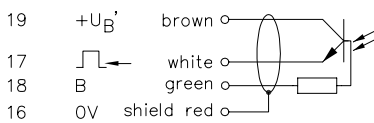
Transmitter-Receiver
Optic Heads

FL

Order No.:

3190

Connection of optical elements:



Technical Characteristics:

Housing	PVC
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
Light beam diameter	approx. ø5000mm/10m
Ambient temperature	-25...+60°C
Range	in clear air without diaphragms: 3m with PP2..00-2 10m with PP2..10-2

Features:

- Photov. elem. dia. T/R ø= 1/1mm, pw
- Light beam diameter pw approx. ø1000mm/10m
- 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.