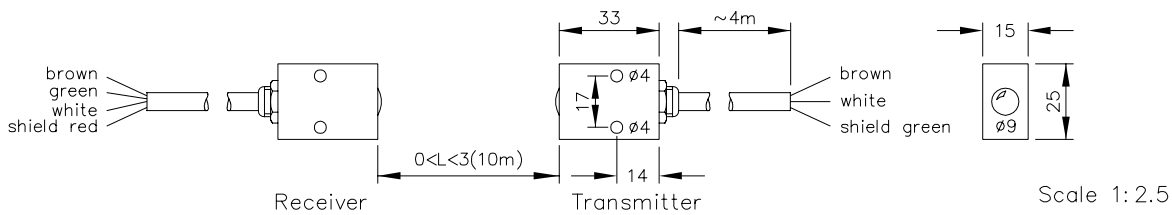



Transmitter-Receiver Optic Head Types I, Iw for external control unit





0 - 3m
(0 - 10m)

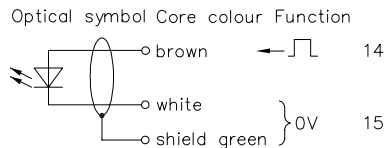
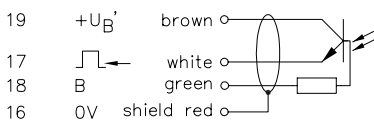
Transmitter-Receiver
Optic Heads

I
Iw

Order No.:

3210
3211

Connection of optical elements:



Technical Characteristics:

Housing objective	PVC
Housing optical elements	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
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 0,5x5mm, Type Iw (#3211)
 Light beam diameter Iw approx. 500x5000mm/10m
 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

3210 DE
E 3210 1
(07.05.87 jp)
15.08.02 tb

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.