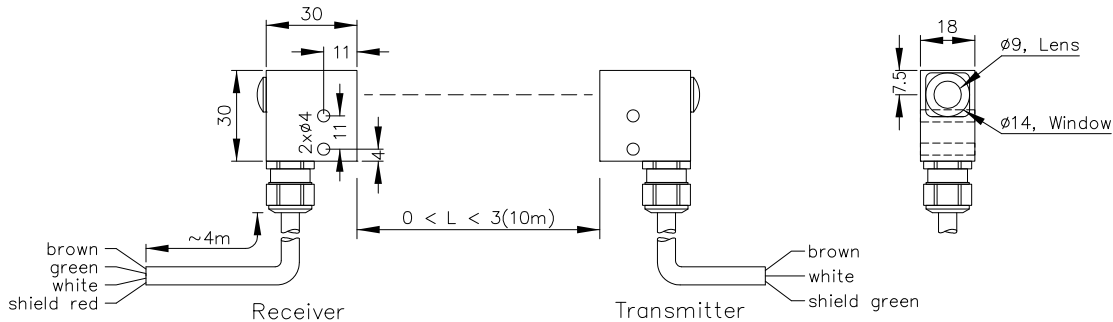
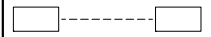


Transmitter-Receiver Optic Head Type FLö

for external control unit, increased resistance to oil and chemicals



Scale 1:2.5
All dimensions in mm!



0 - 3m
(0 - 10m)

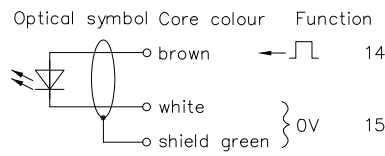
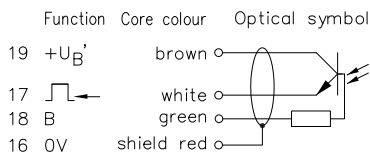
Transmitter-Receiver
Optic Heads,
increased resistance
to oil and chemicals

FLö
FLöVA

Order no.:

3192
3192VA

Connection of optical elements:



Technical Characteristics:

Housing	Aluminium
Objective	with protective glass
Weight	approx. 2x150g incl. 4m cable each
Protection mode	IP67, increased resistance to oil and chemicals
Connection	Transmitter 2-core cable (4m), shielded, increased resistance to oil Receiver 3-core cable (4m), shielded, increased resistance to oil
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 P.2..00-2 10m with P.2..10-2

Features:

Housing	Stainless steel, FLöVA (#3192VA)
Photov. elem. dia. T/R	ø=1/1mm, pw
Light beam diameter pw	approx. ø1000mm/10m
Cable plug on request	

Accessories:

- Control unit, required for operation. Types: e.g. PP2...0-2 or PV21..0-2
- 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.

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