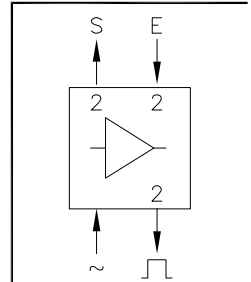
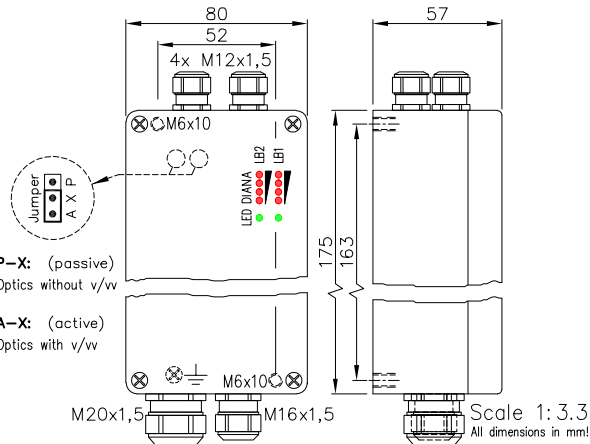


Control Unit Type PP22xy0-2 for 2 Optic Heads (Pairs)

x=1: synchron; x=2: multiplex | y=0: without...; y=1: with Preamplifier

Digit position in Typification \ Valence of Position	0	1	2	3	4
1 Type of Device			Control unit for ext. LS		
2 Number of Light Barriers and Type of Housing	1 R26	1 R27	2 R27	3 R57	4 R57
3 Mode of Operation (x)	asynch min 2 LB	synchr.	multi-plex min 2 LB		
4 Performance (y)	standard	high			
5 El. Design of Optics & max length of shielded cables	without dr. stage or preamp 2 x 4m		with driver stage or preamp 2x 40m		



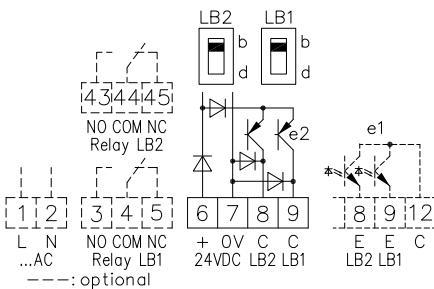
High Gain Optical Head Control Unit

PP22100-2
PP22110-2
PV22200-2
PV22210-2

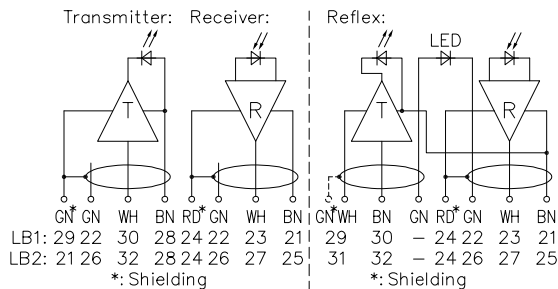
Order no.:

2022
2023
2025
2026

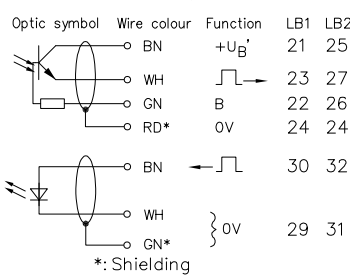
Supply and output connection:



Connection of optical units with "v"/"vv":



Connection of optical units without "v"/"vv":



Options:

Connection	Pin-and-socket connector No.-cable
Supply	230VAC, 110...130V, 42...48V
Output	Optocoupler 60V/50mA, e1 Relay 250VAC/10A, 2500VA, 1xCH, R "q": <2ms/switch transition
Access time	"q": electron.:300/s; relay: 10/s
Switching rate	switching-on-off-delay, separately adjustable, z...
Time delay	

Technical Characteristics:

Housing	Al-Cast
Weight	approx. 900g
Protection mode	IP65
Supply	24VDC/~100mA without load
Output	pnp 60mA s.c.-prot. each LB, e2
Switching mode	bright-/darkswitching, selectable
Interference suppression	forced synchronization
Access time	<12ms/switch transition
Switching rate	electr.: 40/s; relay: 10/s
Switch indicator	LED green each LB
Level indicator	4x LED red each LB
Ambient temperatur	-25...+60°C

Accessories:

Optics A...X with additional "v"/"vv", jumper position: A-X (active)!

Optics A...X without additional "v"/"vv", jumper position: P-X (passive)!

Notes:

Application: In connection with two pairs of optics where space is very tight or temperature is expected to be high.

Optics: Close staggering of several light beams only allowed with multiplex systems (x=2)!

Connection Optics: Allowed cable length for optic Heads max. 40m (optics with v/vv) respectively 4m (optics without v/vv). Do not lay transmitter cable parallel to receiver cable! In case of using a Reflex optic head, please read the "Connection Regulations for Reflex Optic Head"!

Terminal blocks: Screw clamp; Stripped conductor length 8...9mm; Conductor cross section 0,25...2,5mm²; actuated by screwdriver 3,5x0,6mm.

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