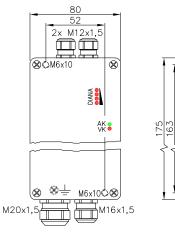


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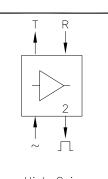
## Control Unit Type PV21112/2 with Pollution Warning

## for 1 Light Barrier with Driver Stage(v), not Preamplifier(vv)

Valence of Position in Typification	0	1	2	3	4
1 Type of Device			Control unit for ext. LS		
Number of Light— 2 barriers and Type of Housing	1 R26	1 R27	2 R27	3 R57	4 R57
3 Mode of Operation	async minimal 2 LB	sync	mpx minimal ab 2 LS		
4 Performance	standard	high			
5 & max length of shielded cables	without preamp 2 x 4m	special	with driver stage 2x 40m		







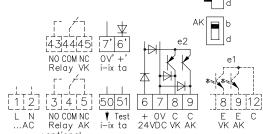
High Gain Optical Head Control Unit with Pollution Warning

PV21112/2

Order no.:

2124

Supply and output connection: VK



---: optional Technical Characteristics:

Housing AI-Cast Weight approx. 850g Protection mode **IP65** 

24VDC/~80mA without load Supply Output 2xpnp 60mA s.c.-prot., e2 bright-/darkswitching, Switching mode selectable

Interference suppression forced synchronization Access time <12ms/switch transition electron.: 40/s; relay: 10/s Switching rate Switch indicator LED green(AK) & red(VK)

external DIANA (i-ix) Ambient temperatur -25...+60°C Testing by transmitter blanking, ta

Connection of optical units: Transmitter: Receiver: LED GN GN WH BN RD\*GN WH BN GN RD\*GN 19 16 20 17 19 | 1515 14 21 16 20 \*: Shielding \*: Shielding

Options:

Connection 4+1 pin Plug stLU5 6+1 pin Plug stBi7

5+1 lead no.-cable K6

Conn. Transmitter 3 pin Plug stB3 Receiver 4 pin Plug stB4

230VAC, 110...130V, 42...48V 2xRelay 250VAC/10A, 2500VA, 1xCH, R Supply Output

2xnpn 60mA s.c.-prot., e3 2xOptocouppler 60V/50mA, e1 'q": <2ms/switch transition 'q": electron.:300/s; relay: 10/s Access time

Switching rate Time delay 0...10s, switching-on-off-delay, separately adjustable, z10 (only AK) Level indicator DIANA-Distributing for optics, i-i

4x LED red & driver for

Accessories:

Level indicator

Optics A...Z only with additional "v"

Recommended field of application:

In connection with one pair 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!

⊋⊋ Connection Optics: Allowed cable length for optic Heads max. 40m. 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"!

Outputs: The switching equipement for the Pollution Warning output (VK, set to dark [d], red LED) is switched on if the signal level is less than five times of the minimum level of the main contact level (AK, green LED). Terminal blocks: Cage clamp; Stripped conductor length 8...9mm; Conductor cross section 0,25...2,5mm² (with insulated ferrule up to 1,5mm² only); actuated by screwdriver 2,5x0,4mm.

Testing function ("ta", terminal 51): Transmitter activated by +24V; Transmitter deactivated by 0V or nc.

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