



Green laser pointing system.
 The pointing system have been designed and built for the alignment and the positioning of materials for several applications.
 They can therefore be installed wherever maximum precision and productivity are needed on an industrial level.
 The absolute resistance to shock and vibrations including resistance to dust and fine particles makes this range of product fully suitable to industrial environments.

Laser class

Our laser pointers belong to 3/A classes. These pointers are safe for the naked eye. For laser which work at a wavelength between 400 and 700 nm, the protection is provided by standard human body's defense, like eyelid reflex. The direct watching of the laser beam with optical tools like telescope, microscope and binoculars can be dangerous.

Specific prescription

- a) The laser beam must not be directly pointed toward people.
- b) The employment of any optical instrument can be dangerous and have to be properly considered.
- c) Appropriate signposts must be put up in the working area of the pointers.
- d) To ease the alignment of the pointer and its coupling with the system, mechanical and electrical means should be used.
- e) If possible, the laser should be stopped at the end of its route.
- f) Beam's route must be oriented above or below eye-deep.
- g) Necessary precautions must be taken, to avoid directing unintentionally laser's beam onto reflecting surfaces.
- h) Necessary precautions must be taken, to avoid the use of the pointers by unauthorized personnel.



Fastening accessories



item. 16



item. 34



item. 36

TECHNICAL FEATURES

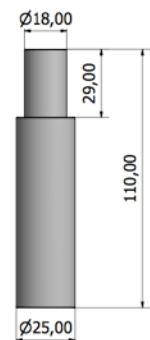
Operating Voltage	2,7 ~ 3,3 V
Power	1 ~ 5 mW
Current	250 ~ 350 mA
Laser class	3A
Wavelength	532 nm
Lens	Quartz cylindric glass (Ø6,5mm)
Collimating lens	< 0,3 mrad
Half divergence angle	green
Beam color	dot - line - cross
Holograms	4000 h
Diode lifetime	Ø25x110mm aluminum
Case	IP65
Degree of protection	+15°C ~ +35°C
Operating temp. range	PVC L 1,5m with jack
Power cable	0,10 Kg ~
Weight	

Driver

item.	A7LR-V
Power supply (Vin)	230 Vac 50-60 Hz
Output voltage (Vout)	3,2 V
Output current (Iout)	250 mA
Power (P)	3,5 W
Degree of protection	IP40
Size	90x55x50 mm
Power cable	PVC L 1,5m with europlug
Weight	0,30 Kg ~

ORDER CODES

item. LR25PV	green laser dot
item. LR25LV	green laser line
item. LR25CV	green laser cross
item. A7LR-V	driver for LR25xx



Dimensions (mm)