

Green laser pointer for use in harsh environment



# LPS-532 series

- > No additional periphery necessary
- > Slim and robust M18 housing
- > 10m towable connection cable



## Type description

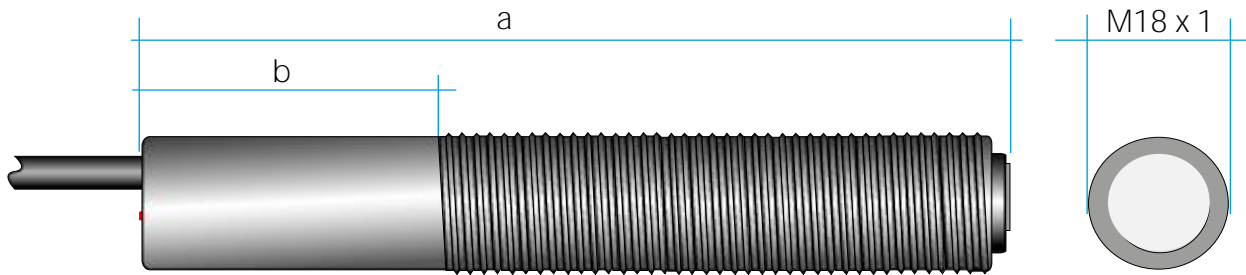
Version	Point	Cross	Line
Laser, green, 532nm, class 2	LPS-532-AJB-ZA	LPS-532-BJB-ZA	LPS-532-EJB-ZA

Version	Crosshairs round	Crosshairs square	Circle
Laser, green, 532nm, class 2	LPS-532-FJB-ZA	LPS-532-GJB-ZA	LPS-532-KJB-ZA

## General properties

Light source	Laser, 532nm, green																								
Laser class	Class 2																								
Maximum radiant power	< 1mW																								
Laser lifetime (at 25°C)	5'000 h																								
Supply voltage	24 VDC +-10%, Um = Max. 30VDC																								
Power consumption	max. 95mA																								
Maximum power dissipation	2,5 W																								
Housing	M18 x 1, nickel-plated brass																								
Housing protection class according to EN 60529	IP 67																								
Working temperature range	0°C ... +40°C																								
Storage temperature range	-20°C ... +70°C																								
Resistance to vibration and shock	Vibration: 30g for 20Hz to 2kHz. Shock: 100g for 3ms																								
Connection cable	2x 0,5mm <sup>2</sup> , + PE, TPU, shielded, cores numbered, halogen-free, length: 10m, towable, oil resistant																								
Version	●	+	—	⊕	○																				
	Point	Cross	Line	Crosshair	Circle																				
Cable assignment	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black; width: 150px;"></td> <td style="text-align: center;">○</td> <td style="padding: 0 10px;">24Vdc</td> <td style="padding: 0 10px;">Assignment</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: center;">○</td> <td style="padding: 0 10px;">PE/PA</td> <td style="padding: 0 10px;">Green-Yellow</td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: center;">○</td> <td style="padding: 0 10px;">Cable shield</td> <td style="padding: 0 10px;">White</td> <td></td> </tr> <tr> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: center;">○</td> <td style="padding: 0 10px;">0V</td> <td style="padding: 0 10px;">2</td> <td></td> </tr> </table>						○	24Vdc	Assignment	1		○	PE/PA	Green-Yellow			○	Cable shield	White			○	0V	2	
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	○	Cable shield	White																						
	○	0V	2																						

## Dimensions in mm



a	b
135	40

## Series options (not all combinations possible)

<b>K:</b>	Specific cable length up to max 100m (e.g. K:10 = 10m connection cable)
<b>S229</b>	Extended temperature range from -20°C to +50°C

## Accessories

Accessories, all types	2x M18 nuts Warning sign laser class 2, self-adhesive
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## Optional accessories

Optional accessories, all types	Clamps pair plastic Clamps pair metal Mounting bracket
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## Important note

The manufacturer's assembly and installation instructions must be observed. These can be found on the original data sheets of the manufacturer and are available on request.