

## Stainless steel body with green laser diode for high visibility and definition

Thanks to the high visibility of the green diode, the **XN-G Series** with stainless steel body are the most suitable tools for use on dark and translucent surfaces or where ambient light is extremely high.

They are widely used in the marble and wood processing industries and in heavy mechanics.

The stainless steel body highly resistant to any type of shock protects the laser diode, the electronic circuits and the precision optics. (IP68)



The **XN-G Series** is available with laser power ranging from 3 to 50 mW and can project lines, dots and crosses of different sizes to customer specifications.

The various models have the option of being powered at 24Vdc/Vac with an M12/M connector or with an external 220Vac/24Vdc power supply



Easy to instal



IP67 Protection

IK10



Laser Power  
Up to 50mW



Reverse Polarity  
protection



### MAIN FEATURE

Body:	Stainless steel AISI316
Projection:	Line, Point and Cross
Water and dust-proof:	IP67
Shock-resistant:	IK10
Opening angles available for line:	30°, 40°, 60°, 90°(standard)
Opening angles available for cross:	15°, 45°
Fix optical focal length	Customer request

### LASER TECHNICAL DATA

Laser type:	diode
Wavelength:	520 nm
Color:	Green
Divergence:	0,5mrad
Laser power:	from 3 to 50mW
Class:	1, 2M, 3B
Diode Duration:	25.000 h

### ELECTRIC TECHNICAL DATA

Voltage DC:	12/24Vdc – 5Vdc ( Max 10mW )
Voltage AC:	12/24Vac
Reverse polarity protection:	YES
Power consumption:	< 200 mA
Connector:	M12/M – 4 pin
TTL Mode:	YES

### HOUSING TECHNICAL DATA

Body:	Stainless steel AISI316
Water-Dust protection:	IP67
Shock resistant:	IK10
Dimension:	Lenght 110 mm X Ø 20 mm
Weigth:	140 gr.

Operating conditions: -10°C ... +40°C - < 95% UR

## MODELS AND CONFIGURATIONS AVAILABLE

### LINE LASER

Laser Power	Model	Laser Safety Class	Line Length – *90°
3mW	3XN-G-Line	1	Up to 2 mt
5mW	5XN-G-Line	1	Up to 4 mt
10mW	10XN-G-Line	1	Up to 6 mt
15mW	15XN-G-Line	2	Up to 10 mt
20mW	20XN-G-line	2	Up to 12 mt
30mW	30XN-G-Line	2M	Up to 15 mt
40mW	40XN-G-Line	3M	Up to 18 mt
50mW	50XN-G-Line	3R	Up to 20 mt

### DOT LASER

Laser Power	Model	Laser Safety Class
3mW	3XN-G-Point	1
5mW	5XN-G-Point	1
10mW	10XN-G-Point	2
15mW	15XN-G-Point	2M
20mW	20XN-G-Point	3R
30mW	30XN-G-Point	3B
40mW	40XN-G-Point	3B

### CROSS LASER

Laser Power	Model	Laser Safety Class	Cross dimension at 1 mt *15°
3mW	3XN-G-Cross	1	150 X 150 mm
5mW	5XN-G-Cross	1	150 X 150 mm
10mW	10XN-G-Cross	2	150 X 150 mm
15mW	15XN-G-Cross	2	150 X 150 mm
20mW	20XN-G-Cross	2	150 X 150 mm
30mW	30XN-G-Cross	2M	150 X 150 mm
40mW	40XN-G-Cross	2M	150 X 150 mm
50mW	50XN-G-Cross	3R	150 X 150 mm

\* Measure with standard optics. Line length depends on ambient light, focal distance, and from the angle projection.