LPG-532-EJB-ZA-S338 LINE LASER POINTER

Zones 1, 2, 21, 22

ATEX INSTRUMENTATION | ZONES 1, 2 (gas) & 21, 22 (dust)

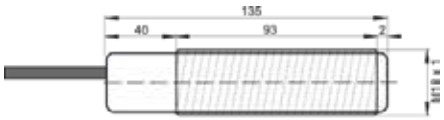
These explosion-proof laser pointers (laser class 2) are available with a green laser as standard (red laser available upon request). All devices are certified for use in hazardous areas, including Zones 1, 2, 21, and 22.

They are ideally suited for precise alignment and positioning tasks in potentially explosive environments.

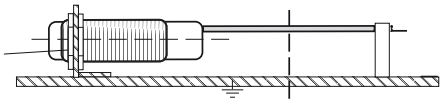
No additional peripherals required.

EU-Type Examination Certificate

ITEM REFERENCES

Designation:	Beam shape:	Dimensions:	Item No.:
LPG-532-EJB-ZA-S338	Line, green		

TECHNICAL SPECIFICATIONS

Marking:	II 2(1)G Ex db [op is Ga] IIC T4 Gb II 2(1)D Ex tb [op is Da] IIIC T135°C Db
Certificate:	EU-Type Examination Certificate
Operating temperature:	-10°C to +50°C
Storage temperature range:	-20°C to +70°C
Housing:	M18, Material: Ms 58 nickel plated
Ingress protection:	IP67
Light Source:	Laser, green, 532nm, class 2
Maximum optical radiant power:	< 1 mW
Pattern angle:	30°
Pattern size:	Diameter of 53.8mm at distance 100mm
Supply voltage, U_e:	24 VDC ± 10%
Absolute maximum supply voltage, U_m:	30 VDC
Maximum power dissipation:	2.4 W
Maximum current consumption:	80 mA
EMC, shock and vibration resistance:	Vibration: 30g over 20Hz to 2Khz. Shock: 100g for 3ms
Laser lifetime:	5000 h
Connection cable:	TPU insulation, AWM 20236, 4+PE x 0.5mm², halogen free, shielded, leads numbering marked, oil resistant cable for trailing, length: 10m
Accessories included:	• 2x nuts M18 • 1x Warning plate "LASER RADIATION. DO NOT STARE INTO BEAM. CLASS 2 LASER PRODUCT", self-adhesive for gluing near to the sensor.
Safe equipotential bonding for Ex devices:	Ensure local equipotential bonding by means of a corrosion-resistant PE connection. The end of the cable must be connected outside the hazardous locations. 
Wiring and Connection: