

ISL 450-Ex

LED INSPECTION LAMP

The ISL 450-Ex is a tough, cable-connected inspection lamp for industrial use in potentially hazardous atmospheres for Zones 1 and 21 according to Directive 94/9/EC. One of the special features of this inspection lamp is its extremely long service life due to the use of LEDs.

The ISL 450-Ex inspection lamps are particularly suitable for prolonged maintenance and repair work. The very durable high-performance LEDs outperform the operating time and brightness of conventional fluorescent tubes/cold-cathode tubes and provide even light for fatigue-free working in potentially explosive atmospheres. With the optional securing clamps, the lamps can be secured within easy reach in the place of operation, either in the office or in the workshop.

On site, your ISL can be attached to the lamp head and aligned quickly and easily by means of the magnetic supports or the swivel hook available as accessories and can therefore also be used as a machine light. With a colour temperature of 6000 K, similar to daylight, the LEDs produce optimum visibility for machine parts and other work areas. The diffuser lens ensures that the light does not dazzle. All devices have an IP protection rating of 66/67 and can achieve a service life of up to 50,000 hours.

The inspection lamp is supplied with a 5 m power cable and an open cable end. This gives you the flexibility to fit the Ex-plug connector of your choice, which means that you are not bound by any particular system.

ISL 450-Ex

LED INSPECTION LAMP FOR ZONE 1 / 21

FEATURES

- Zone 1 / 21
- Extremely long service life due to the use of LEDs
- Roll-away protection in the handle
- Lockable suspension hooks
- For 110 ... 240V AC/DC or 24 ... 48V AC/DC
- High-performance LEDs in an innovative design
- Ergonomic design
- Very tough design due to the impact-resistant polycarbonate housing
- High luminous flux
- Lightweight construction
- Wide-angle beam pattern
- Decreased glare due to diffuser lens

SCOPE OF DELIVERY

- ISL 450-Ex
- 5 meter cable (fitted), without plug
- User manual
- EC Declaration of Conformity

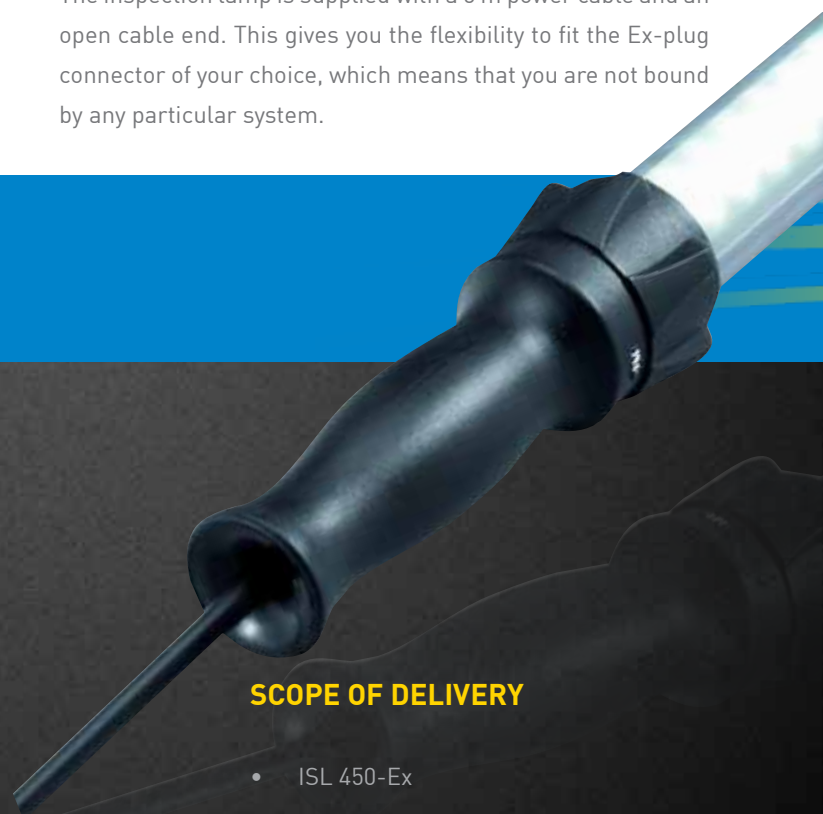
EX DATA

ATEX



Ⓢ II 2G Ex d IIC T4 Gb









Ⓢ II 2D Ex tb IIIC T100°C Db



SAFE INSPECTION



ACCESSORIES

	ARTICLE NO.	PRODUCT DESCRIPTION
	A0002093 	Wall bracket-set
	A0002094 	Magnetic holder-set
	A0002095 	Protection cage
	AS002112 / AS002114 	Optional 15m cable



TECHNICAL DATA	
Ambient temperature	-40 °C ... +60 °C
Voltage range	24V ... 48V AC/DC 110V ... 240V AC/DC
Bulb	LED
Luminosity	253 Lux (24V ... 48V) 285 Lux (110V ... 240V) (at a distance of 1 m)
Weight (without cable)	ca. 1.4 kg
Colour Temperature	6000 K
Luminous flux	600 lm / 670 lm
Dimensions	approx. 595 mm x 62 mm
IP protection class	IP 66/67

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