

# SHL 350-Ex

**THE SHL 350-EX IS A RUGGED HAND LAMP WITH LED TECHNOLOGY THAT IS DESIGNED FOR INDUSTRIAL AND FIRE-FIGHTING APPLICATIONS IN POTENTIALLY EXPLOSIVE AREAS CLASSIFIED AS ZONE 0 AND 20 IN ACCORDANCE WITH DIRECTIVE 1999/92/EC (ATEX).**

All of the important features exhibited by the predecessor SHL 300-Ex, such as battery life and high light output, have been optimised in the development of the SHL 350-Ex. The design of the SHL 350-Ex combines ergonomics and functionality - all of the switches and displays are arranged in a concentrated manner and are operable with just one hand.

The use of three 3-watt high-power, state of the art LEDs ensures that it is not only the brightest hand lamp of its kind, but also that an extremely high level of operational reliability is maintained. This is due to an LED service life of around

50,000 hours and the intelligent control system that ensures a high light output even if one of the LEDs fails.

A new feature is the temperature-compensated battery capacity display, which guarantees an accurate reading at any operating temperature. In addition, the requirements for fire-fighting equipment standards (DIN 14642) for explosion-protected handlamps have also been taken into account during development.

## SHL 350-Ex

HAND LAMP FOR ZONE 0 / 20

### EX DATA

ATEX



⊕ II 1G Ex ia op is IIC T4 Ga

⊕ II 1D Ex ia IIIC T130°C Da



# RUGGED LIGHT FUNCTIONAL

Emergency lighting and flashing light functions are also integrated in the hand lamp. The optional diffusing and coloured filters are fitted within easy reach underneath the pivoting head.



## TECHNICAL DATA

<b>Ambient temperature</b>	-20 °C ... +50 °C
<b>Storage temperature</b>	-30 °C ... +60 °C
<b>Power supply</b>	ecom-Ex battery pack
<b>Bulb</b>	3 high performance LEDs
<b>Luminosity</b>	10,000 lux (at a distance of 1 m)
<b>Luminous flux</b>	211 lumens
<b>Operating time</b>	approx. 6 hours (battery charged, dimmer set to 100% light output)
<b>Dimmer function</b>	between 25 % and 100 % light output (adjustable in 25% increments)
<b>Dimensions</b>	approx. 140 x 190 x 300 mm
<b>Weight</b>	approx. 2.4 kg
<b>IP protection class</b>	IP65
<b>Solvent resistance</b>	Acetone
<b>ESD protection</b>	Anti-static housing
<b>Charging cycles</b>	min. 300 charging cycles with over-discharge and short-circuit protection
<b>CE-designation</b>	CE 0102

## SCOPE OF DELIVERY

- SHL 350-Ex
- Battery (integrated in the unit)
- Carrying strap
- User manual
- Ex-certificate
- EC Declaration of Conformity

# SHL 350-Ex

## EASY CHARGING

The charging station, which has also been designed for easy use and single-handed operation, allows the SHL 350-Ex to attach securely into the charger in any direction.

The handlamp is seated so securely in its charging station that it could theoretically even be mounted upside down.



## SHL 350-Ex

HAND LAMP FOR ZONE 0 / 20

## FEATURES

- Zone 0 / 20
- Approx. 10,000 lux through 3 high performance LEDs (at a distance of 1 m)
- Flashing mode
- Can be dimmed between a brightness level of 25 % and 100 % (in increments of 25 %)
- LED service life of approx. 50,000 hrs
- Rugged, anti-static housing, IP65
- Pivoting lamp head
- Optimum weight distribution, thereby ensuring optimum carrying comfort
- Temperature-compensated, 5-part battery capacity display
- Emergency lighting functions with high luminosity

# RUGGED LIGHT FUNCTIONAL

## ACCESSORIES

	ARTICLE NO.	PRODUCT DESCRIPTION
	A0002012 - 2017 	Diffusing filters in red, green, yellow, blue and uncoloured, diffused
	AS002006	LG 300-HVC Charging station for mains operation 110V - 240V
	AS002008	LG 300-LVC Charging station for mains operation 12V / 24V
	A0002009 	Carrying strap



## EMEA

### Germany (Headquarters) <sup>1</sup>

ecom instruments GmbH  
Industriestraße 2  
97959 Assamstadt  
Phone +49 62 94 42 24-0  
Fax +49 62 94 42 24-100  
sales@ecom-ex.com  
<sup>1</sup> also covering Austria

### ecom Benelux <sup>2</sup>

ecom instruments BV  
Watertoren 45c  
3247 CL Dirksland, Netherlands  
Phone +31 1 87 60 59 16  
Fax +31 1 87 60 33 47  
info.nl@ecom-ex.com  
<sup>2</sup> also covering Belgium and Luxembourg

### France <sup>3</sup>

Pepperl+Fuchs EURL  
Division Mobile Safety  
4 rue Ettore Bugatti  
67201 Eckbolsheim (France)  
Phone +33.3.88 76 46 84  
mobile-safety@fr.pepperl-fuchs.com  
<sup>3</sup> also covering Algeria, Egypt, Morocco

### Italy

ecom instruments srl  
Via Gandhi, 15 Galleria  
20017 Rho (MI)  
Phone +39 02 93 90 92 16  
Fax +39 02 93 90 62 97  
info.it@ecom-ex.com

### Switzerland

Pepperl+Fuchs AG  
Sägeweg 7  
2557 Studen, Bern  
Phone +41 32 374 76 76  
Fax +41 32 374 76 78  
info.ch@ecom-ex.com

### Nordics

ecom instruments GmbH  
Postbox 304  
2970 Hørsholm  
Denmark  
Phone +45 28 252 575  
info.nordics@ecom-ex.com

### United Kingdom

ecom instruments ltd  
A310, The Wilton Centre,  
Redcar, TS10 4RF,  
United Kingdom  
Phone +44 1642 46 54 00  
Fax +44 1642 46 54 02  
info.uk@ecom-ex.com

### Middle East

ecom instruments fze  
P.O. Box 8918  
Saif-Zone, Sharjah, UAE  
Phone +971 6 5 57 34 30  
Fax +971 6 5 57 34 31  
info.uae@ecom-ex.com  
<sup>4</sup> also covering Tunisia and Libya

## Americas

### USA

ecom instruments Inc.  
1779 Westborough Drive, Suite 102  
Katy, Texas 77449  
Phone +1 281 496 59 30  
Fax +1 281 496 23 21  
sales.us@ecom-ex.com

## Asia

### South East Asia

Pepperl+Fuchs Pte Ltd  
15 Pioneer Turn  
P+F GDC Building  
Singapore 627577  
Phone +65 6779 9078  
info.sg@ecom-ex.com



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