



TorchLED 2 Ex

the explosion-proof torch light with emergency lighting function



Description

The popular TorchLED work and inspection luminaire with emergency lighting function is now also available in an Ex-version. The luminaire is equipped with a rechargeable lithium polymer (LiPo) **battery has to be charged outside the ex-zone.**

The TorchLED 2 Ex fulfils the requirements of the Low Voltage Directive 2006/95/EC, the Directive 2004/108/EC concerning electromagnetic compatibility and the ATEX Directive 94/9/EC.

Features

- At least 3 hours of light in three selectable operating modes:
 1. Spot: Focussed, narrow and broad light beam
 2. Wide: Room illuminating light
 3. High beam: Widely radiating beam of light
- Memory function (last setting is retained)
- Corrosion-resistant charging pins (gold-plated spring steel)
- Overcurrent, temperature and deep discharge protection
- Compact design

Technical Data

Housing colour: black
 Electric power supply: LiPo 3,7V-1'440mAh
 Charging time: approx. 5h
 Light duration factory settings (max. light power):
 - Spot (1 LED): approx. 7h
 - Wide (1 LED): approx. 7h
 - Full light (2 LED): approx. 3.5h
 - Emergency light: approx. 7h
 Illuminant: 2 Power-LED à 1.6W, cool white 5'000K
 IP54
 Protection category light:
 Dimensions (W×L×H):
 - Light excl. charging station: 116×68×34 mm
 - Light incl. charging station: 148×87×44 mm
 Weight light: 182g
 ATEX certification number: SEV 22 ATEX 0644 X
 Explosion-proof according to: EN 60079-0:2018 (general requirements)
 EN 60079-11:2012 (intrinsic safety)
 Zones: 1, 2, 21 and 22
 Ambient temperature
 - used: -20° C to +45° C
 - load: 0° C to +40° C
 Marking: II 2G Ex ib IIC T4 Gb
 II 2D Ex ib IIIC T135° C Db

Charging station

Protection category: IP44
 Protection class 230 VAC: II
 Protection class 12-48VDC: III
 Dimensions (W×L×H): 80×87×44 mm
 Weight 12-48V/230V: 110g/180g
 Temperature range: 0° C to +40° C



Item no. 862000



Item no. 860999



Item no. 860998

Item no.	Designation
862000	TorchLED 2 torch light Ex, with emergency light function, excl. charging station

Accessories/spare parts	
860998	TorchLED 2 charging station 230 VAC, incl. 1.5 m cable and euro-plug
860999	TorchLED 2 charging station 12-48VDC, with 1.5 m cable