

# LUMISTAR EX LAMPER, ATEX

## Aluminium

P-L3541.066.00

USL 06-Ex skueglas lampe 230V-12V/20W



- Alle Ex skueglas lamper er godkendte til Zone 1
- Forsyningsspænding afhængig af type:  
12V/24V/120V/230V
- Effekt afhængig af størrelse: 20W, 50W, 100W
- Anvendelig til skueglas armatur DIN28120/DIN28121 og DIN11851
- De fleste i beskyttelsesklasse IP 65 og IP 67 iht. DIN EN 60529



## PRODUKTBESKRIVELSE

Lumistar Ex lamper til montering på glasfittings:

Denne type belysning til skueglas er designet til universelle anvendelser i eksplosionsfarlige omgivelser. Lumistar Ex lamper er ideelle til brug i kombineret syns- og lysanordning (enkeltflange version) eller med to separate porte (2-flange version).

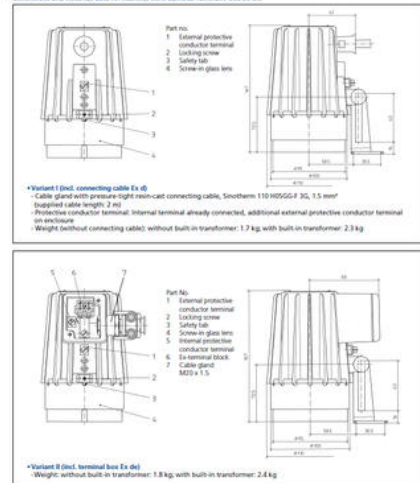
Kompakt design - kraftig lysudgang:

Egnet til cirkulære blikglasbeslag til DIN 28120 / DIN 28121 eller lignende, skruetype glasfittings i overensstemmelse med DIN 11851 og til visuelle flowindikatorer.

Generøs lysåbning og bekvem lampeudskiftning takket være optimalt designet skruet linselukning.

Anvendes til belysning af tanke, beholdere, siloer, omrørere og andre for det meste lukkede applikationer, beholdere og reaktorer samt visuelle flowindikatorer i eksplosionsfarlige omgivelser. Velegnet til brug i fødevarerindustrien.

• Dimensions and electrical data for stainless steel Lumistar luminaires USL 06-Ex:



• Dimensions and electrical data for Lumistar luminaires USL 05-Ex and USL 05-LED-Ex:

**Weight:** without built-in transformer: 0.8 kg, with built-in transformer: 1.0 kg

**Components, design and materials:**  
- Body of luminaire: Corrosion-resistant die-cast aluminium alloy, GK-ALSi10Mg  
- Cable gland with pressure-tight resin-cast connecting cable, Sinotherm 110 H05GG-F 3G, 1.5 mm², standard cable length: 2 m  
- Protective conductor terminal: Internal terminal already connected, additional external protective conductor terminal on enclosure  
- Light exit: Bonded unit made of aluminium ring and glass, Vision seal  
- Fastening components: See accessories

**Connecting data: Temperature classification and electrical parameters (see also: EC Type Examination Certificate)**

| Ref. | Type USL 05-Ex | Part No.    | Voltage | Built-in transformer | Maximum lamp or LED filament voltage | Endfit | Ambient temperature range          |
|------|----------------|-------------|---------|----------------------|--------------------------------------|--------|------------------------------------|
| 1    | 12 V/5 W       | 2540.031.00 | 12 V    | without              | 12 V/5 W                             | G4     | -20°C ± t, +40°C, -20°C ± t, +40°C |
| 2    | 120 V/12 V/5 W | 2540.032.00 | 120 V   | with                 | 12 V/5 W                             | G4     | 25 T4, 20 T80°C, 25 T4, 20 T100°C  |
| 3    | 230 V/12 V/5 W | 2540.033.00 | 230 V   | with                 | 12 V/5 W                             | G4     | 25 T4, 20 T80°C, 25 T4, 20 T100°C  |
| 4    |                |             |         |                      |                                      |        |                                    |
| 5    | 12 V/20 W      | 2540.035.00 | 12 V    | without              | 12 V/20 W                            | G4     | 25 T4, 20 T100°C, 25 T4, 20 T100°C |
| 6    | 24 V/20 W      | 2540.037.00 | 24 V    | without              | 24 V/20 W                            | G4     | 25 T4, 20 T100°C, 25 T4, 20 T100°C |
| 7    |                |             |         |                      |                                      |        |                                    |
| 8    |                |             |         |                      |                                      |        |                                    |
| 9    | 230 V/4 W-LED  | 2540.039.00 | 230 V   | without              | 230 V/4 W-LED                        | G210   | -25 T6, 20 T80°C                   |

**Order data:**  
- e.g. Lumistar luminaire USL 05-Ex, 12 V/20 W, Part no. 3540.035.00, with accessories: hinged bracket, Part no. 6354.014.00 and claw spanner, Part no. 6816.001.00

**Accessories:**

| No. | Component                                                                              | Part No.    |
|-----|----------------------------------------------------------------------------------------|-------------|
| 1   | Luminaire mounting, hinged bracket, stainless steel                                    | 6354.014.00 |
| 2   | Luminaire mounting, flanged adapter collar, stainless steel                            | 1354.010.00 |
| 3   | Lumiglas timer module, Ex timer switch, external, for timed light switching on request |             |
| 4   | Claw spanner for screw-in lens, for opening the lamp                                   | 6816.001.00 |

• Dimensions and electrical data for Lumistar luminaires USL 09-Ex:

