

# Ex-Protected Temporary Lighting Solutions

Temporary linear light fittings type eLLK and machine lamps

## Temporary light solutions

Equipped with the necessary trumpet-shaped cable gland, they offer all advantages of a stationary lighting system and can be installed quickly and flexibly.

Also the robust machine lights are available as temporary lighting.

Using the various mounting accessories, these luminaires can be securely installed to a wide variety of building structure elements

## Product features

- Machine lamps and linear light fittings type eLLK equipped for short term temporary fixed illumination. Time saving solution as plug in and use when the Ex atmosphere is still present.
- Ideal for maintenance works and demanding lighting applications (confined spaces, difficult to access) in Ex areas.
- Robust but light mounting accessories allow a quick and easy installation of the versa-

tile lighting fixtures on various surfaces (e.g. with magnet inside tank/ vessels; suspension hook for railing pipes)

- Up to seven linkable linear light fittings provide a spotless light chain without reducing light output (e.g. lighting broad dark tunnel) or delivered on a transportable trolley (e.g. confined space in paint shop)
- Exclusive complete temporary lighting package (fixture,

cable, mounting accessories, plug) for ease of mind

- Wide range of machine lamps and eLLKs (LED/FL, different light colour, high/low temperature) for temporary lighting package available
- Easy to move around and not sensitive in handling with the promise of flawless lighting, exactly where you need it



### Ordering details



| Type <sup>4)</sup>                                                                               | Power    | Rated voltage                     | Light output        | OU | Order No.             |
|--------------------------------------------------------------------------------------------------|----------|-----------------------------------|---------------------|----|-----------------------|
| Temporary eLLK FL 2x18 W <sup>2)</sup>                                                           | 2 x 18 W | 110 - 254 V AC<br>110 - 250 V DC  | 2700 lm             | 1  | <b>1 2265 755 101</b> |
| Temporary eLLK LED 400 <sup>2)</sup>                                                             | 2 x 13 W | 110 - 254 V AC;<br>110 - 250 V DC | 2300 lm<br>(5600 K) | 1  | <b>1 2265 555 101</b> |
| Suspension hook BMU 5x16x8, steel, galvanised                                                    |          |                                   |                     | 2  | <b>2 2480 001 000</b> |
| 2 pcs. pipe clamps R22 (1 1/2"), Ø 47 - 51 mm, with screws and polyamide washer, stainless steel |          |                                   |                     | 1  | <b>2 2480 472 000</b> |

<sup>2)</sup> with trumpet shaped cable gland, mains cord 10 m H07RN-F 3 with Ex-plug 16 A 3-pole and 2 eye bolts A2 M8 stainless steel A2

| Technical data eLLK                    | eLLK 92018/18                                                 | eLLK 92 LED 400     |
|----------------------------------------|---------------------------------------------------------------|---------------------|
| EC-Type Examination Certificate        | BVS 09 ATEX E 034                                             |                     |
| IECEX Certificate of Conformity        | IECEX BVS 09 0033                                             |                     |
| Marking accd. to 2014/34/EU            | Ex II 2 G Ex de mb IIC T4 Gb / Ex II 2 D Ex tb IIIC T80 °C Db |                     |
| Permissible ambient temperature        | -25 °C up to +55 °C (+50 °C U <sub>n</sub> ≤ 220 V)           | -25 °C up to +45 °C |
| Degree of protection accd. to EN 60529 | IP 66                                                         |                     |

| Ordering details <sup>4)</sup>                                                | Power | Rated voltage                    | Light output | OU | Order No.             |
|-------------------------------------------------------------------------------|-------|----------------------------------|--------------|----|-----------------------|
| Temporary Basic ML 60d LED36                                                  | 36 W  | 85 - 264 V AC;<br>120 - 370 V DC | 5220 lm      | 1  | <b>1 1700 000 521</b> |
| Temporary Basic ML 60d LED36                                                  | 36 W  | 24 V AC/DC)                      | 5220 lm      | 1  | <b>1 1700 000 018</b> |
| PM 2 permanent magnet (215 mm height, 60 mm Ø, 500 N adhesion, 2/lamp needed) |       |                                  |              | 1  | <b>1 1700 000 918</b> |
| KH 6 suspension hook with ball joint (195 height, 60 mm Ø, 2/lamp needed)     |       |                                  |              | 1  | <b>1 1700 000 923</b> |



<sup>2)</sup> 2,5 m 24 h

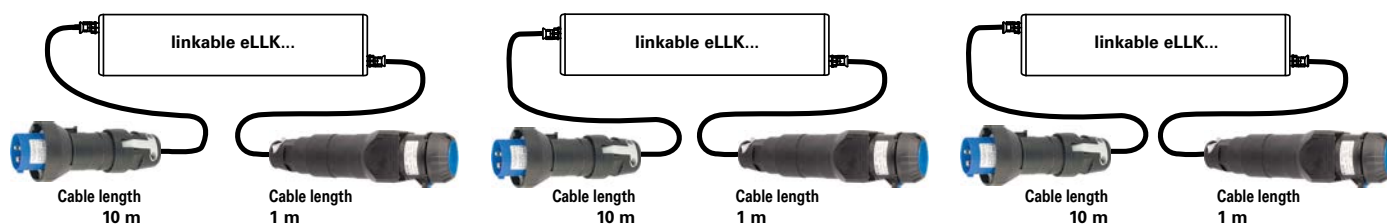
<sup>3)</sup> with trumpet shaped cable gland, mains cord 5 m H07RN-F 3 without plug

<sup>4)</sup> further versions available. Please contact our customer service.

| Technical data                         | ML LED M 100 de...                                           |
|----------------------------------------|--------------------------------------------------------------|
| EC-Type Examination Certificate        | BVS 15 ATEX E 003 X                                          |
| IECEX Certificate of Conformity        | IECEX BVS 15.0014X                                           |
| Marking accd. to 2014/34/EU            | Ex II 2 G Ex db e IIB T5 Gb / Ex II 2 D Ex tb IIIB T95 °C Db |
| Permissible ambient temperature        | -20 °C up to +60 °C                                          |
| Degree of protection accd. to EN 60529 | IP 68 <sup>2)</sup>                                          |

## Linkable eLLK luminaires

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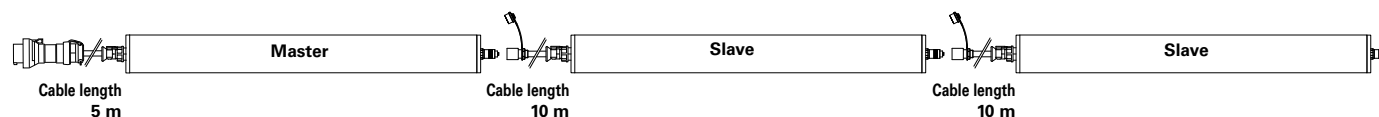
Linkable eLLK (up to 7 luminaires can be linked together)



### Linkable eLLK

| Type                                    | Content                                                                                                                           | Order No.             |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| eLLK FL / 2x18W (2700 lm)               | Light fitting incl.<br>Ex-plug 3-pole, 10 m cable 3x2,5 mm <sup>2</sup><br>and Ex-coupler 3-pole, 1 m cable 3x2,5 mm <sup>2</sup> | <b>1 2265 755 103</b> |
| eLLK LED 400 / 2x13W (2150 lm / 5600 k) | Light fitting incl.<br>Ex-plug 3-pole, 10 m cable 3x2,5 mm <sup>2</sup><br>and Ex-coupler 3-pole, 1 m cable 3x2,5 mm <sup>2</sup> | <b>1 2265 555 103</b> |

## Linkable machine lamps



Linkable machine lamps (up to 7 lamps can be linked together)



LEDM100 de ...Master



LEDM100 de ...Slave

### Linkable machine lamps

| Master Machine Lamp<br>(incl. Ex-plug 3-pole, 5 m cable 3 x 1 mm <sup>2</sup> and eXLink-flange socket)     |                       | Order No.             |
|-------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|
| LEDM100de36940 / 2x18 W (2560 lm)                                                                           | Mains voltage (230 V) | <b>1 1700 102 009</b> |
| LEDM100de36940 / 2x18 W (2560 lm)                                                                           | Low voltage (24 V)    | <b>1 1700 102 002</b> |
| LEDM100de441245 / 2x22 W (4200 lm)                                                                          | Mains voltage (230 V) | <b>1 1700 102 010</b> |
| LEDM100de441245 / 2x22 W (4200 lm)                                                                          | Low voltage (24 V)    | <b>1 1700 102 003</b> |
| Slave Machine Lamp<br>(incl. eXLink-plug 3-pole, 10 m cable 3 x 1 mm <sup>2</sup> and eXLink-flange socket) |                       | Order No.             |
| LEDM100de36940 / 2x18 W (2560 lm)                                                                           | Mains voltage (230 V) | <b>1 1700 101 009</b> |
| LEDM100de36940 / 2x18 W (2560 lm)                                                                           | Low voltage (24 V)    | <b>1 1700 101 002</b> |
| LEDM100de441245 / 2x 44 W (4200 lm)                                                                         | Mains voltage (230 V) | <b>1 1700 101 010</b> |
| LEDM100de441245 / 2x 44 W (4200 lm)                                                                         | Low voltage (24 V)    | <b>1 1700 101 003</b> |