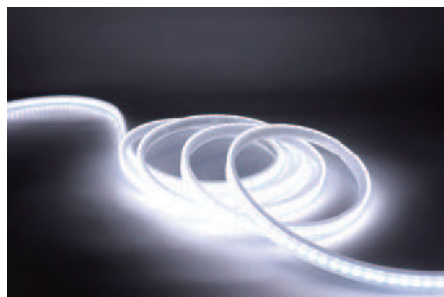


FlexLED Ex

one-sided LED light strip



Product features

The FlexLED EX, an innovative product for lighting hazardous areas, has been specially developed for use in potentially explosive atmospheres (zones 1, 2 and 21, 22) in harsh industrial environments such as coal mines, oil and gas facilities.

Our explosion-proof light strips are designed as a reliable and safe lighting solution that provides both continuous area lighting and targeted lighting of plant areas.

Encased in a durable silicone tube, this LED light strip guarantees absolute flexibility and extremely high light output without casting shadows. The IP65 protection rating allows you to use it both indoors and outdoors.

The power connection is made via an Ex power supply box with integrated power supply for one or more FlexLED Ex strips up to a maximum length of 40 m.

Application

Wastewater treatment, oil and gas refineries, drilling rigs, petrochemical plants, food and beverage plants, tunnels, outdoor or indoor lighting of general areas and wherever combustible vapours, gases, flammable dusts, fibres or airborne dust are present.

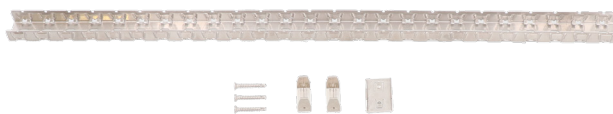
Technical Data

LED:	LEDs one-sided (84 LEDs/m)
System performance:	12W/m
Light efficiency:	1'000 lm/m
Light colour:	4'000 K
Beam angles:	120° one-sided
Operating life:	> 50'000 h
Protection category:	IP65
Impact resistance:	IK10
Operating temperature range:	−40°C to +80°C
Dimensions light strip (L×W):	20×10 mm
Length:	5 m, 10 m, 25 m
Zone Ex:	1, 2 and 21, 22
⊕ ATEX:	II 2G Ex db IIB+H2 T6 Gb II 2D Ex tb IIIC T80°C Db
Explosion-proof according to:	EN IEC 60079-0 EN IEC 60079-18 EN IEC 60079-28

Important notice: unroll completely before use!



Power supply unit



Wall mounting set



Suspension set

Assortment

- 861272** ✓ FlexLED Ex 5m, 4'000K, 12W/m, 420 LED 120°, IP65
- 861273** ✓ FlexLED Ex 10m, 4'000K, 12W/m, 840 LED 120°, IP65
- 861274** ✓ FlexLED Ex 20m, 4'000K, 12W/m, 1'680 LED 120°, IP65

Accessories

- 861275** ✓ Power supply unit Ex 240W for max. 20 m, 350×200×170 mm
- 861276** ✓ Power supply unit Ex 480W for max. 40 m, 350×200×170 mm
- 265709** Cable gland Ex M20×1.5, IP68, Ø3.1 - 8.6 mm, nickel-plated brass, for power supply unit FlexLED Ex
- 861277** ✓ Wall mounting set (1 rail 0.5 m, 3 screws, 2 clips, 1 connector)
- 861278** ✓ Suspension set

Strictly observe the operating instructions included with the products!

