

Datasheet.

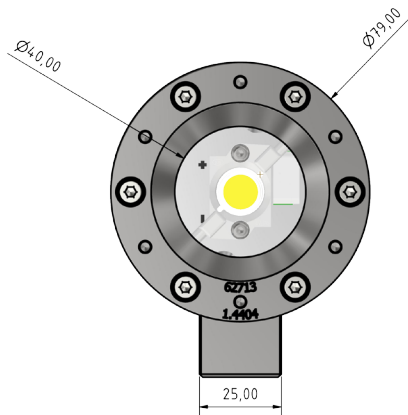
Compact LED Luminaire for Hazardous Areas with Magnetic Control.

Features.

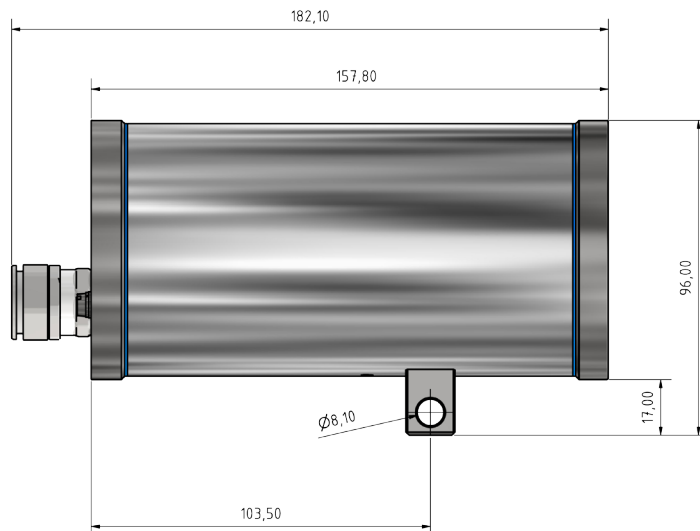
- ✓ Certified for Hazardous Areas (ATEX, IECEx and more...)
- ✓ Protection Level IP66/68
- ✓ Efficient Long-Life LED-Technology
- ✓ Controlable via magnet (mag.ON Technology)
- ✓ Robust Stainless Steel Housing
- ✓ Integrated EMC-Filter (acc. EN55015 and FCC part 15)
- ✓ Switchable via I/Os

Dimensions.

T20-VA1.2.K1.BOR Side View



Front View



Product.

Ex.mini.24.WL.100

- Beam angle = 100°
- Light color: WL = White light LED
- Power supply = 24 VDC
- LED Luminaire in compact stainless steel housing

Model.

T20 - VA1.2.K1.BOR- LL.N-XXX.X- X

- K = Termination for terminal blocks
- T = Terminal box termination
- 2 = Cable type 2 (4x0,75)
- 2M = Cable type 2 with mining gland
- = Length of connection cable in meters (005 to 100)
- LL.N = Temperature range (T_{amb} = -50°C to +50°C)
- VA1.2.K1.BOR = Stainless steel housing 1.4404
- T20 = ATEX & IECEx -Ex Type No. 20 (TÜV 21...)

Data.



Explosion protection

Declaration of conformity:

EN/IEC/GOST... 60079-0, EN/IEC/GOST... 60079-1,
EN/IEC/GOST... 60079-28, EN/IEC/GOST... 60079-31
TUEV-21-ATEX-8696X, IECEx-TUR-22.0076X



Ex- certificates:

Ex II 2G Ex db IIC T4 Gb
Ex II 2D Ex tb IIIC T130°C Db



Ex- marking:

Explosion protection (gas):

Explosion protection (dust):



Mechanical characteristics

Housing material:

Stainless steel (AISI 316L/1.4404)

Protection level:

IP 66/68 (IEC / EN 60529)



Weight:

2.0 kg



Temperature range

-50°C to +50°C



Electrical characteristics

Power supply:

24 VDC

Power consumption max.:

20W@24VDC

Protection switch-mode power supply:

Short circuit protection ($40V_{max}$); Over temperature protection (+145°C); EMC filter (EN55015/FCC part15)



Connection cable

Outer diameter:

ÖLFLEX HEAT 125MC 4x0,75mm²

7.4 mm

Min. bending radius:

15 x outer diameter at installation; 4 x outer diameter after installation

Temp. range at point of installation:

-35°C to +120°C

Temp. range fix installed:

-55°C to +125°C

Other characteristics:

Halogen free, UV resistant and flame retardant (EN60332-3)

Illuminant

LED type:

High power 16W COB-LED

in plug-in design

Luminous flux max.:

2240 - 2740 lm

Beam angle:

<100°

Color temperature:

5000K (cold white)



SAMCON
Prozessleittechnik GmbH

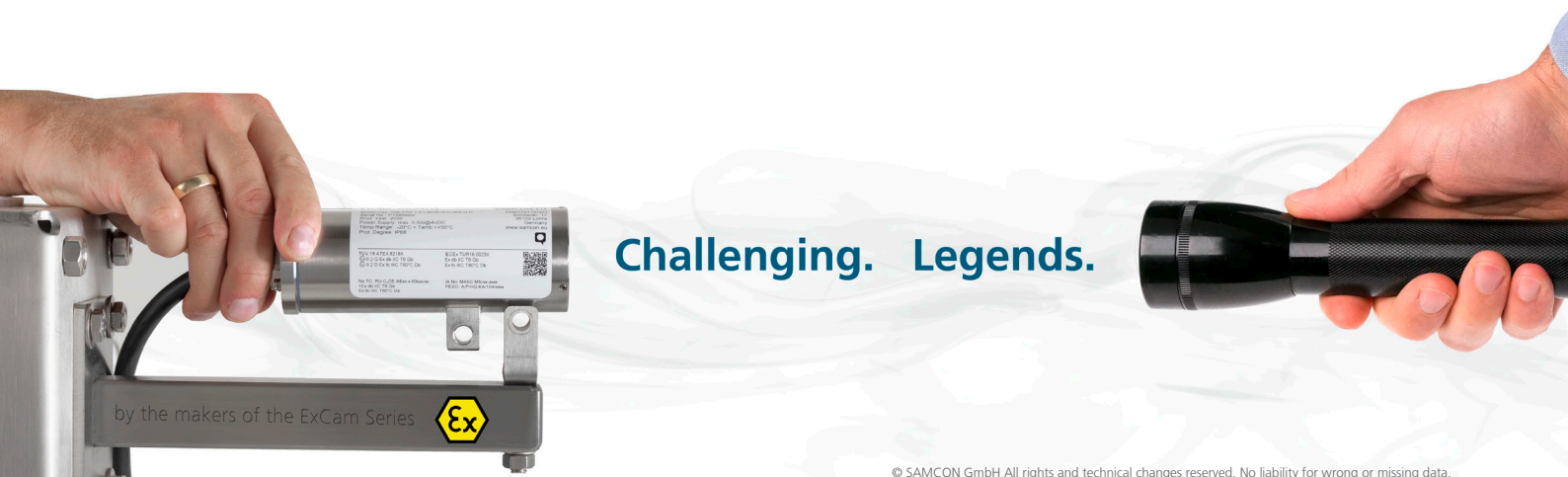
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Challenging. Legends.

by the makers of the ExCam Series

