



Features

- Low to no maintenance
- Installation kits for high/low temperatures
- Lengths available from 24 cm and up in increments of 1 cm and combinations of units

The range of TNCLS Ex em LED backlights are designed for use to illuminate level gauges in all kinds of industry where an explosive atmosphere may be present. The TNCLS LED back lights are designed to illuminate see through level gauges found in a variety of industries where an explosive atmosphere may be present. The BARTEC TECHNOR back light solution has a proven track record of more than twenty years and is considered by some to be the only choice for low life cycle cost level gauge illumination.

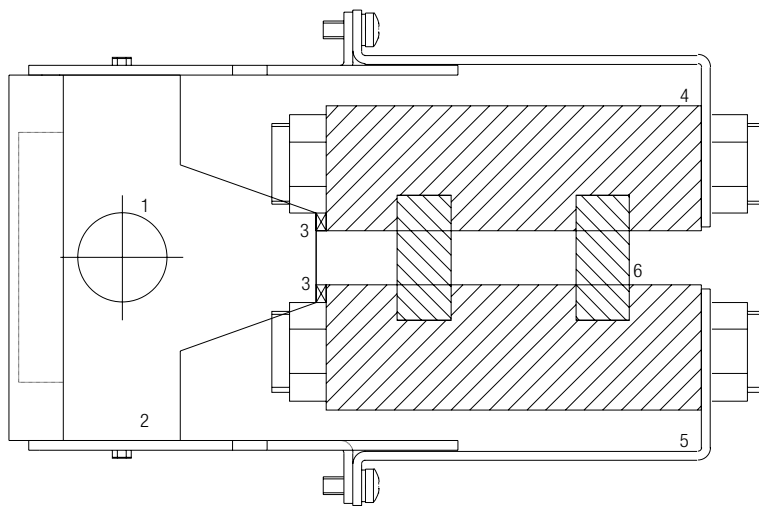
Explosion protection

Marking ATEX	⊕ II 2G/Ex ebmtbopis IIC/IIIC T4Gb
Certification	Presafe 16ATEX8117X
Marking IECEx	Ex II 2G/Ex ebmtbopis IIC/IIIC T4Gb
Certification	IECEx Pre16.0008x
Other approvals and certificates, see www.bartec.de	
Ambient temperature	-25 °C to +60 °C

Technical data

Material	stainless steel 316L
Surface treatment	acidized
Earthing	M6 inside and outside
Cable entry	up to 2 x M25 in top, bottom and /or side
Power consumption	approx. 3 VA per module
Voltage	220 to 240 V AC or 254 V AC Other voltages on request
Frequency	50/60 Hz
Humidity	100 %
Terminals	4 x 2.5 m ² other terminal size on request
Illumination colour	yellow
Protection class	IP 66
Standards	EN/IEC: 60079-0, 60079-7, 60079-18, 60079-28, 60079-31

Dimensions



- 1 Cable entrance, max. M25
- 2 Backlight
- 3 Gasket
- 4 Level gauge
- 5 Mounting bracket
- 6 Level glas

Selection chart TNCLS

Dimensions	Total length		Weight
	A mm	B mm	
27-1	270	250	2.3
30-1	300	280	2.5
34-1	340	320	2.7
36-1	360	340	2.8
27-2	540	520	4.3
30-2	600	580	4.6
34-2	680	660	5.1
36-2	720	700	5.3
27-3	810	790	6.2
30-3	900	880	6.7
34-3	1020	1000	7.3
36-3	1080	1060	7.5
27-4	1080	1060	7.9
30-4	1200	1180	8.5
34-4	1360	1340	9.3
36-4	1440	1420	9.6

Several units can be assembled to one unit
 Type key: TNCLS L-X, L = Module length,
 X = No. of modules, Total length: A = L*X
 Other sizes on request.