



# Metal fused sightglasses for Triclamp fittings for sightglass light fittings series fibroLUX® for use in hazardous and safe areas



Metal fused sightglass, 1", with lightpipe end of the fibroLUX® fibre optic sightglass light fitting

### Applications:

- For clamp fittings to DIN 32676 / ISO 2852

### Advantages:

- For sterile applications
- High security
- Easy installation
- Brilliant and glare free illumination when combined with light fitting, for smallest dimensions (from DN 25 / 1" on)

### Metal fused sightglass:

#### Approvals:

A3 Standard for food processing

#### Technical data:

- Test base: DGRL 97 / 23 / EG, AD 2000 standards, DIN 7079-1 May 1999
- Materials to VdTÜV specifications and the respective DIN/EN standards
- Glass quality: Borosilicate glass to DIN 7080

#### Certificates:

- To be supplied against extra charge to DIN EN 10204

#### Operating conditions:

- Pressure: -1 to 16 bar
- Temperatures:

Ring materials: 1.4462: -30 °C to +280 °C  
2.4602: -60 °C to +300 °C

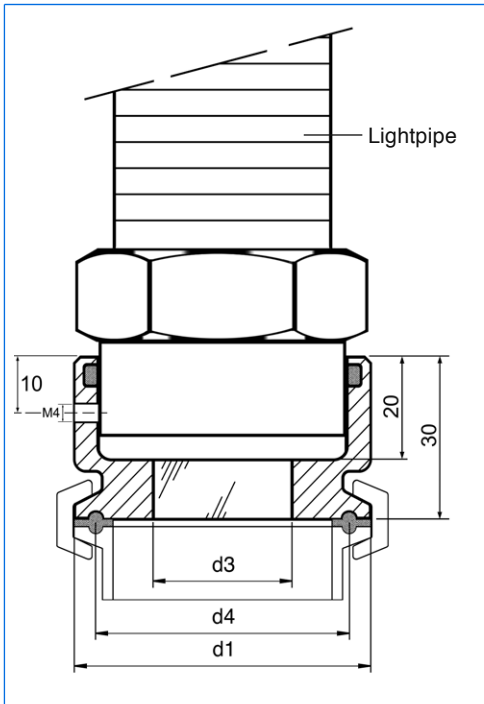
### Sightglass light fitting series fibroLUX®:

- Supply: AC or DC  
24, 36, 42, 115, 230, 240 V with integrated transformer  
12, 24 V without integrated transformer
- Power: 35 W
- Materials: Housing: Aluminium alloy (Anticorodal)  
Lightpipe: Galvanized steel, enclosed in silicone rubber tube  
Ferrules: Stainless steel
- Protection mode: IP 65, dust and spray water tight
- The following data refer to the hazardous versions:  
Ignition protection type: Ex de to EN 60079-0 / 60079-1 / 60079-7,  
Ex tD A21 IP65 to EN 61241-0 / 61241-1
- Explosion group: IIC
- Temperature classes: T4 / T130°C (T3 / T195°C with supply voltage of 12 or 24 V DC)
- G / D: T<sub>a</sub> = -20°C / +40°C (T<sub>a</sub> up to +60°C on request)
- ATEX: Ex II 2 G + D

For more technical details see data sheet fibroLUX®

#### Dimensions:

Nominal diameter (DN)		d1	d3	d4	Max. operating pressure (bar)
(mm)	(inch)				
25 / 32 / 40	1" / 1½"	50,5	17	43,5	16
50	2"	64	25	56,5	16



Dimensions

All dimensions in mm. Subject to changes without preliminary notice.



# MAX MÜLLER AG

## PROCESS ILLUMINATION AND VISUAL OBSERVATION SYSTEMS

Hagmattstrasse 19 • CH - 4123 Allschwil / Switzerland  
Telephone +41 61 487 92 92 • Telefax +41 61 487 92 99  
www.maxmuellerag.com E-Mail: blt@maxmuellerag.com