

# Metal fused sightglasses for Triclamp fittings for sightglass light fittings series fibroLUX (E) 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

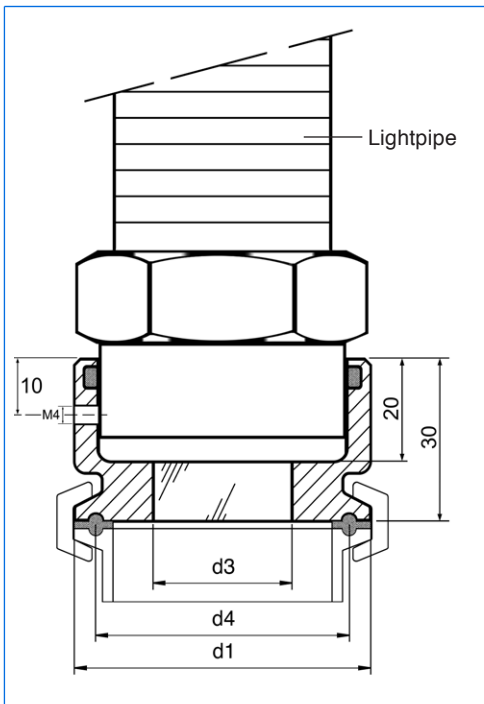
#### Sightglass light fitting series fibroLUX 5035 / fibroLUX E 5035:

Supply:	AC or DC 24, 36, 42, 115, 230, 240 V AC with integrated transformer 12 / 24 V AC / DC without integrated transformer
Power:	35 W (50 W with supply voltage of 24 V AC / DC)
Materials:	Housing: Aluminium alloy (Anticorodal) (fibroLUX 5035) Stainless steel (fibroLUX E 5035) Lightpipe: Galvanized steel, enclosed in silicone rubber tube Ferrules: Stainless steel
Protection mode:	IP 65, dust and spray water tight to EN 60529 / DIN VDE 0470 part 1
Ignition protection type:	Ex de to EN 60079-0 / 60079-1 / 60079-7 (fibroLUX 5035), Ex d to EN 60079-0 / 60079-1 (fibroLUX E 5035) Ex tD A21 IP65 to EN 61241-0 / 61241-1
Explosion group:	IIC
Temperature classes G / D:	T4 / T130°C (T3 / T195°C with supply voltage of 24 V AC / DC) 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 5035 / fibroLUX E 5035

#### Dimensions:

Nominal diameter (DN)		d1	d3	d4	Max. operating pressure (bar)
(mm)	(inch)				
25 / 32 / 40	1" / 1½"	50,5	25	43,5	16
50	2"	64	30	56,5	16



Dimensions

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