

Cable glands, degree of protection IP 66 / IP 67 (960 °C)



AKM 16

- Cable glands
- for knockouts M 16



- sealing range: Ø 5-10 mm
- ISO thread M 16 x 1.5
- bore-hole: Ø 16.3 mm
- wall thickness up to 3 mm
- with strain relief and locknut
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
- ambient temperature - 25 °C to + 55 °C
- glow wire test IEC 60695-2-11: 960 °C
- colour: grey, RAL 7035
- degree of protection: IP 66 / IP 67 / IP 69

tightening torque	3,0 Nm
width across flats of cable glands	20 mm
Dimension across corners of cable glands Ø	22,0 mm
width across flats of nut	22 mm
dimension across corners Ø	24,7 mm
material	PA (Polyamide)
weight	0,007 kg
glow wire test	IEC 60695-2-11 960°C
in accordance with	DIN EN 62444
in accordance with	DNV GL - Certificate No: TAE000041H

Drawings




Dimension drawing

Operating and ambient conditions

Application area	Suitable for outdoor installation (harsh environment and/or outdoor).
Resistant to occasional cleaning procedures (direct jet)	Resistance to occasional cleaning procedures (direct jet) with high-pressure cleaner without cleaning additives, water pressure: max 100 bar, water temperature: max 80 °C, distance ≥ 0.15 m, in accordance with DIN EN 60529:2014-09 (IEC 60529:2013) = IP 69.
Ambient temperature	Average value over 24 hours + 55 °C Maximum value + 70 °C Minimum value - 25 °C
Fire protection in the event of internal faults	Demands placed on electrical devices from standards and laws Minimum requirements - Glow wire test in accordance with IEC 60695-2-11: - 650° C for boxes and cable glands
Burning behaviour	Glow wire test IEC 60695-2-11: 960 °C

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IP
66/67

IP
69

UL Subject 94: V-0
flame-retardant
self-extinguishing

Toxic behaviour

halogen-free
silicone-free
"halogen-free" in accordance with the examination of the cables
and insulated wires - corrosiveness of fumes - as per IEC 60754-2

Note:

For material properties see technical data.