

PASSION FOR POWER.

Cable glands (960 °C)

AKM 16

- Cable glands
- for knockouts M 16



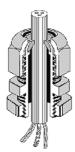


- sealing range: Ø 5-10 mm
- ISO thread M 16 x 1.5
- bore-hole: Ø 16.3 mm
- wall thickness up to 3 mm
- with strain relief and locknut
- for indoor (normal environment and/or protected outdoor) and outdoor installation (harsh environment and/or outdoor)
 ambient temperature 25 °C to + 55 °C
- glow wire 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 \varnothing | 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 |

Drawings

Dimension drawing



Operating and ambient conditions

| Application area | Suitable for 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 $^{\circ}$ C, distance \geq 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 text 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 UL Subject 94: V-0 flame-retardant |



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| | 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. |