



Cable gland, M20, RAL 7035, IP68

Part no. V-M20
Catalog No. 206910
Alternate Catalog No. XTPAXMCG20
EL-Nummer (Norway) 1782275

Delivery program

Product range			General switchboard accessories
Accessories			Cable management
Product range			Accessories
Basic function accessories			Cable screw gland
Cable entry			M20
Hole diameter		mm	20,5
Outer cable diameter		mm	6 - 13
Example of application: NYM/NYY cable, 4-core		mm ²	H05VV-F4 x 2.5/3 x 4, NYM 5 x 1.5/5 x 2.5
Description			Flammability classification V2 according to UL94 With lock nut and built-in strain relief
Material			Polyamide Halogen free
Surface finish			RAL 7035
Information about equipment supplied			With lock nut and built-in strain relief
Degree of Protection			IP68 up to 5 bar (30 min)
Single unit/Complete unit			Single unit
Connection to SmartWire-DT			no

Technical data

General

Standards			IEC/EN 60947 VDE 0660
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature			-25 - +70
Mounting position			As required
Overvoltage category/pollution degree			III/3
Degree of Protection			IP68 up to 5 bar (30 min)

Contacts

Rated insulation voltage	U _i	V	500
Overvoltage category/pollution degree			III/3

Material characteristics

Material			Polyamide Halogen free
Colour			Gray, RAL 7035
Temperature resistant			-20 °C - 100 °C, short-time up to approx. 120 °C
Chemical resistant			Resistant against : Acetone, petrol, paraffin, diesel, grease, oil, solvent for paints and varnishes
Danger of stress fracture			low
Flame retardant			Glow wire test 750 °C according to EN 60695-2-11
Flammability classification according to UL94			V2

Mechanical variables

Overvoltage category/pollution degree			III/3
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Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

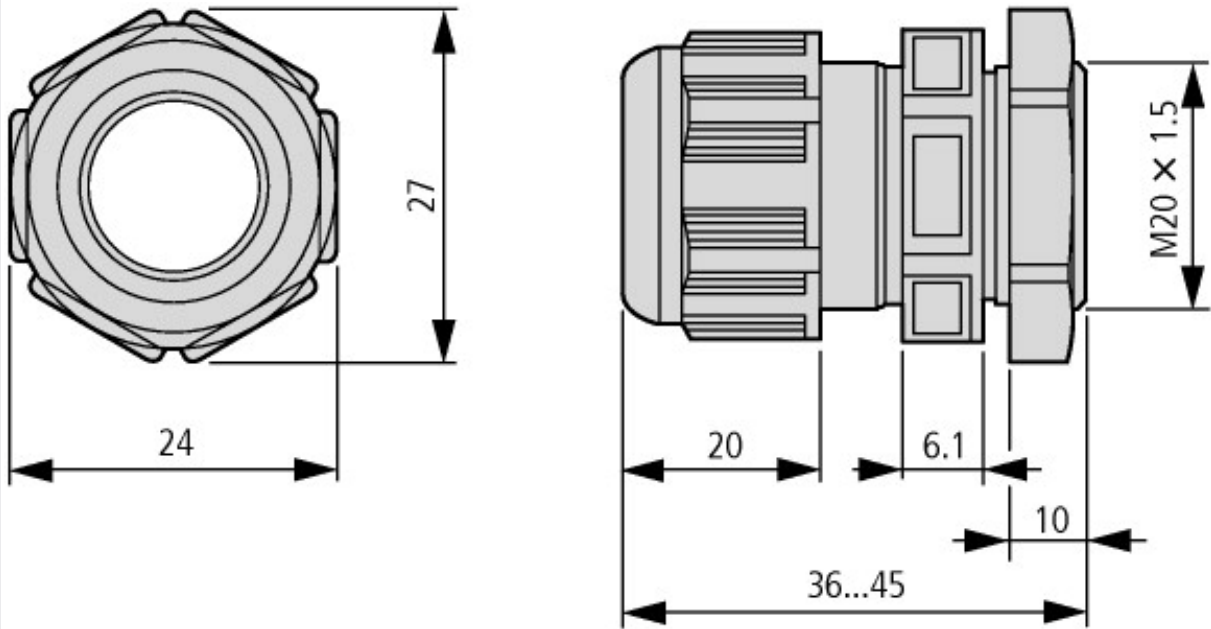
Technical data ETIM 7.0

Cable and wire entry systems (EG000009) / Cable gland (EC000441)			
Electric engineering, automation, process control engineering / Electrical installation, device / Connection devices / Screwed cable gland (electr.) (ecl@ss10.0.1-27-14-44-32 [AFR797003])			
Thread type			Metric
Nominal thread size metric/PG			20
Nominal thread size inch/gas pipe thread			Other
Pitch thread		mm	1.5
Thread length		mm	10
Wrench width		mm	30
Hexagon angular dimension		mm	0
Suitable for cable diameter		mm	6 - 13
Material			Plastic
Material quality			Polyamide (PA)
Surface protection			Untreated
Halogen free			Yes
Glass-fibre reinforced			No
Degree of protection (IP)			IP68
Shock resistant			Yes
Colour			Light grey
RAL-number			7035
Bend radius protection/trumpet flare			No
With locknut			Yes
Snapping in opening			No
Model			Straight
Multi seal area			No
Flat cable coupling			No
With strain relief			Yes
Type of sealing			Cut-out ring
Separable screw gland			No
Working temperature		°C	-20 - 120
Explosion-tested version			No
For Ex-zone gas			None
For Ex-Zone dust			None
For armoured cable			No
EMC-version			No
Screened			No

Approvals

Specially designed for North America			No
Degree of Protection			UL/CSA Type 3R, 4X, 12, 13

Dimensions



3 x M20 (PG 13.5) lateral mounting
1 x M16 in base

Additional product information (links)

Motor starters and "Special Purpose Ratings" for the North American market	http://www.eaton.eu/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_3258146.pdf
Busbar Component Adapters for modern Industrial control panels	http://www.moeller.net/binary/ver_techpapers/ver960en.pdf