

Cable gland, M20, RAL 7035, IP68



Powering Business Worldwide™

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

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
Overtoltage category/pollution degree		III/3
Degree of Protection		IP68 up to 5 bar (30 min)

Contacts

Rated insulation voltage	U _i	V	500
Overtoltage 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
Overtoltage category/pollution degree		III/2

Mechanical variables

Overtoltage 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 8.0

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		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
Operating 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