

Cable gland, M20, RAL 7035, IP68



Part no. V-M20
206910
EL Number 1782275
(Norway)

General specifications		
Product name		Eaton xEffect Accessories LV systems Accessories and replacement parts for LV switchgear
Part no.		V-M20
EAN		4015082069100
Product Length/Depth		140 millimetre
Product height		85 millimetre
Product width		81 millimetre
Product weight		0.015 kilogram
Compliances		RoHS conform
Certifications		IEC/EN 60947 VDE 0660
Product Tradename		xEffect Accessories
Product Type		LV systems
Product Sub Type		Accessories and replacement parts for LV switchgear
Catalog Notes		OBSOLETE SEE SUPERSEDURE
Delivery program		
Type		Accessory General switchboard accessory
Model		Straight
Accessory/spare part type		Cable management Cable screw gland
Color		Gray
Technical Data - Electrical		
Rated insulation voltage (Ui)		500 V
Overvoltage category		III
Pollution degree		3
Technical Data - Mechanical		
Unit type		Single unit
Surface finishing		RAL 7035, light gray
Surface protection		Untreated
Nominal thread size Metric/PG		20
Nominal thread size inch/gas pipe thread		Other
Mounting position		As required
Material		Plastic Polyamide Halogen free
Material quality		Polyamide (PA)
Degree of protection (IP)		IP68
Operating temperature - min		-20 °C
Operating temperature - max		120 °C
Pitch thread		1.5 mm
Type of sealing		Cut-out ring
Outer cable diameter - min		6 mm
Outer cable diameter - max		13 mm
Cable entry type		M20
Opening diameter		20.5 mm
Thread Length		10 mm
Thread type		Metric
Wrench width		30 mm

Suitable for cable diameter - min		6 mm
Suitable for cable diameter - max		13 mm
Connection to SmartWire-DT		No connection to SmartWire-DT
Climatic proofing		Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Design verification as per IEC/EN 61439 - technical data		
Temperature resistance		-20 °C - 100 °C, short-time up to approx. 120 °C
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Additional information		
For ex-zone dust		None
For ex-zone gas		None
Fitted with:		Strain Relief Locknut
Flame retardant		Glow wire test 750 °C according to EN 60695-2-11
Flammability characteristics (UL)		V2 (UL94)
Lamp type included		Halogen Free
NEMA Rating		UL/CSA Type 3R, 4X, 12, 13 1
Protection, proofing and resistance		Shock Resistant
RAL-number		7035
Special features		Flammability classification V2 according to UL94 With lock nut and built-in strain relief With lock nut and built-in strain relief
Stress fracture risk		Low
Used with		Cable glands H05VV-F 2.5 mm ² (4x) or 4 mm ² (3x) NYM 1.5 mm ² (5x) or 2.5 mm ² (5x) General switchboard accessory Accessory

Technical data ETIM 9.0

Cable and wire entry systems (EG000009) / Cable gland (EC000441)		
Electric engineering, automation, process control engineering / Electrical installation, device / Cable gland / Cable gland (electrical installation) (ecl@ss13-27-14-08-01 [AFR97008])		
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
Pressure-compensating		No