# **Technical data sheet**

Cable gland, metric thread, set with locknut, light grey

#### Art.-Nr. 2022772





The quickest and most convenient way of providing strain relief and tightness with cable glands on junction boxes and housings is with the tried-and-trusted V-TEC VM cable glands from OBO. With the integrated sealing lip and the special OBO slat technology, protection class IP68 is achieved. Strain relief and tightness have been tested to DIN EN 62444.

The connecting threads of the cable glands are metric or PG and are therefore suitable for universal use. Once screwed in place, the installation is there forever, as the optimum thread adjustment with the right pitch ensures permanent resistance to shaking.

Applications: From private housing with junction boxes up to industrial applications in the distributor cabinet.

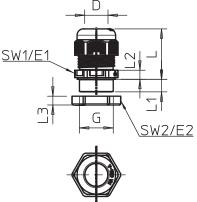
Temperature range: -20 °C to +65 °C.



Master data

Item No.2022772TypeVTEC VM40+ LGRDescription 1Cable glandDescription 2with locknutDimension 4M40ColourLight greyRAL number7.035.00Material 3PolyamideMaterial symbolPASmallest sales unit10.00 pcsWeight5.15 kg/100 pcs.Dimension E150.00 mmDimension E256.00 mmDimension E356.00 mmDimension E436.00 mmDimension E150.00 mmDimension E150.00 mmDimension E150.00 mmDimension E250.00 mmDimension E37.50 mmSW2/F22VersionSW2S0.00 mmFile E410.00 mmDimension L10.00 mmDimension L10.00 mmDimension L7.50 mmSW2/F2VersionSW2S0.00 mmSW2/F2VersionFile cable threaded connectionFile resistantFilem resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° CThread length1.00 mm			
Description 1       Cable gland         Description 2       with locknut         Dimension       M40         Colour       Light grey         RAL number       7.035,00         Material       Polyamide         Material symbol       PA         Smalleets tales unit       10.00 pcs         Weight       5,15 kg/100 pcs.         Dimension E1       50,00 mm         Dimension E2       56,00 mm         Dimension L min.       26,00 mm         Dimension L min.       36,00 mm         Dimension L max.       46,00 mm         Dimension L max.       46,00 mm         Dimension L max.       46,00 mm         Dimension L 3       7,50 mm         SW2/E2       Version         SW 2       50,00 mm         Sealing ring       Sealing ring         Bend protection       Si		Item No.	2022772
Description 2       with locknut         Dimension       M40         Colour       Light grey         RAL number       7.035,00         Material       Polyamide         Material symbol       PA         Smallest sales unit       10,00 pcs         Weight       5,15 kg/100 pcs.         Dimension E1       50,00 mm         Dimension E2       56,00 mm         Dimension L2       7,00 mm         Dimension L1       11,00 mm         Dimension L3       7,50 mm         SW2/E2       Sul 2         SW2/E2       Sol,00 mm         For Ex zone       Straight         Type of seal       Sealing ring         Bend protection       Straight         Sealing range D       16,00 - 28,00 mm         Ex zone       Without         For Ex zone       Without         For Ex zone       Without         For Ex zone       Without         For Ex zone dust       Without         Fo		Туре	V-TEC VM40+ LGR
Dimension       M40         Colour       Light grey         RAL number       7.035,00         Material       Polyamide         Material symbol       PA         Smallest sales unit       10.00 pcs         Weight       5,15 kg/100 pcs.         Umension E1       50.00 mm         Dimension E2       56,00 mm         Dimension E2       56,00 mm         Dimension E1       50,00 mm         Dimension E2       56,00 mm         Dimension E2       56,00 mm         Dimension E1       11,00 mm         Dimension L1       11,00 mm         Dimension L2       7,00 mm         SW2/E2       Version         SW2       50,00 mm         SW2/E2       Sw2         Sw2       50,00 mm         Sw2       50,00 mm         Sw2       50,00 mm         Sw2       50,00 mm         Sw2       Sw2         Sw2       Sw2         Sw2       Sw2         Sw2       Sw2         Sw2       Sw2         Sw2       Sw2         Sw2 <td></td> <td>Description 1</td> <td>Cable gland</td>		Description 1	Cable gland
Colour     Light grey       RAL number     7.035,00       Material     Polyamide       Material symbol     PA       Smallest sales unit     10,00 pcs       Weight     5,15 kg/100 pcs.       Dimension E1     50,00 mm       Dimension L     56,00 mm       Dimension L     36,00 mm       Dimension L     11,00 mm       Dimension L     11,00 mm       Dimension L     7,00 mm       Dimension L     7,00 mm       Dimension L3     7,50 mm       SW2/E2     Version       SW2/E2     Version       Straight     Straight       Type of seal     Sealing ring       Bend protection     Image       Saling range D     16,00 - 28,00 mm       explosion-proof     Image       First cable threaded connection     Image       For Ex zone     Without       For Ex zone qas     Without       For Ex zone quist     Without       Fiame resi		Description 2	with locknut
RAL number     7.035,00       Material     Polyamide       Material symbol     PA       Smallest sales unit     10,00 pcs       Weight     5,15 kg/100 pcs.       Dimension E1     50,00 mm       Dimension E2     56,00 mm       Dimension L min.     36,00 mm       Dimension L min.     36,00 mm       Dimension L min.     36,00 mm       Dimension L Max.     46,00 mm       Dimension L1     11,00 mm       Dimension L3     7,50 mm       SW 2     50,00 mm       SW 2     50,00 mm       SW 2     50,00 mm       SW 2     50,00 mm       SW 1     44,00 mm       SW 2     50,00 mm       Sealing range D     16,00 - 28,00 mm       explosion-proof     I       For Ex zone     Without		Dimension	M40
Material   Polyamide     Material symbol   PA     Smallest sales unit   10,00 pcs     Weight   5,15 kg/100 pcs.     Dimension E1   50,00 mm     Dimension E2   56,00 mm     Dimension L   36,00 mm     Dimension L   11,00 mm     Dimension L   7,00 mm     Dimension L2   7,00 mm     Dimension L3   7,50 mm     SW 2   0,00 mm     SW 1   44,00 mm     SW 2   0,00 mm     SW 1   50,00 mm     SW 2   0,00 mm     SW 1   50,00 mm     Sw 2   0,00 mm     Sw 1   50,00 mm     Sw 2   0,00 mm     Sw 2   50,00 mm     Sw 1   50,00 mm     Sw 2   Sealing ring     Bend protection   Sealing ring     Bend protection   Sealing ring     Fiat cable threaded connection   Sealing ring <td></td> <td>Colour</td> <td>Light grey</td>		Colour	Light grey
Material symbolPASmallest sales unit10,00 pcsWeight5,15 kg/100 pcs.Jumension E150,00 mmDimension E256,00 mmDimension L min.36,00 mmDimension L max.46,00 mmDimension L111,00 mmDimension L27,00 mmDimension L37,50 mmSW2/E2VersionSW2/E2StraightType of sealSealing ringBend protectionSealing ringBend protectionSealing ringFlat cable threaded connectionSFor Ex zoneWithoutFor Ex zone dustWithoutFlame resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° CThread typeMetric		RAL number	7.035,00
Smallest sales unit     10,00 pcs       Weight     5,15 kg/100 pcs.       Dimension E1     50,00 mm       Dimension E2     56,00 mm       Dimension L max.     46,00 mm       Dimension L max.     46,00 mm       Dimension L max.     46,00 mm       Dimension L1     11,00 mm       Dimension L2     7,00 mm       Dimension L3     7,50 mm       SW 1     44,00 mm       SW 2     50,00 mm       SW 1     50,00 mm       SW 2     50,00 mm       Sealing ring     Sealing ring       Bend protection     Image: Sealing ring       Sealing range D     16,00 - 28,00 mm       explosion-proof     Image: Sealing ring       Flat cable threaded connection     Image: Sealing ring       For Ex zone     Without       Frame resistant     Fiame resisitant to VDE 0471/DIN 695 Part 2-1, test temperature 6		Material	Polyamide
Weight   5,15 kg/100 pcs.     Dimension E1   50,00 mm     Dimension E2   56,00 mm     Dimension E2   56,00 mm     Dimension L   38,00 mm     Dimension L max.   46,00 mm     Dimension L1   11,00 mm     Dimension L2   7,00 mm     Dimension L3   7,50 mm     SW 1   44,00 mm     SW 2   50,00 mm     Swa2/E2   Version     Type of seal   Sealing ring     Bend protection   Sealing range D     16,00 - 28,00 mm   explosion-proof     Sealing range D   16,00 - 28,00 mm     explosion-proof   Sealing range     For Ex zone gas   Without     For Ex zone gas   Without     Fame resistant   Without     Fame resistant   Tame resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° C     Thread <td></td> <td>Material symbol</td> <td>PA</td>		Material symbol	PA
Dimension E1     50,00 mm       Dimension E2     56,00 mm       Dimension L min.     36,00 mm       Dimension L max.     46,00 mm       Dimension L1     11,00 mm       Dimension L3     7,50 mm       SW 1     44,00 mm       SW 2     50,00 mm       SW 1     44,00 mm       SW 2     50,00 mm       SW 1     50,00 mm       SW 2     50,00 mm       Sealing range D     16,00 - 28,00 mm       explosion-proof     ⊠       Flat cable threaded connection     ⊠       For Ex zone     Without       For Ex zone dust     Without       For Ex zone dust     Without       Flame resistant     flame resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° C       Thread     M40 x 1,5       Thread type     Metric		Smallest sales unit	10,00 pcs
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SW 1     44,00 mm       SW 2     50,00 mm       SW 2/E2     Version       Type of seal     Sealing ring       Bend protection     Image: Sealing range D       Sealing range D     16,00 - 28,00 mm       explosion-proof     Image: Sealing range D       Flat cable threaded connection     Image: Sealing range D       For Ex zone     Without       For Ex zone gas     Without       For Ex zone dust     Without       Flame resistant     flame resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° C       Thread     M40 x 1,5       Thread type     Metric			
SW 1     44,00 mm       SW 2     50,00 mm       SW 2/E2     Version       Type of seal     Sealing ring       Bend protection     Image: Sealing range D       Sealing range D     16,00 - 28,00 mm       explosion-proof     Image: Sealing range D       Flat cable threaded connection     Image: Sealing range D       For Ex zone     Without       For Ex zone gas     Without       For Ex zone dust     Without       Flame resistant     flame resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° C       Thread     M40 x 1,5       Thread type     Metric	-		
SW 1     44,00 mm       SW 2     50,00 mm       SW 2/E2     Version       Type of seal     Sealing ring       Bend protection     Image: Sealing range D       Sealing range D     16,00 - 28,00 mm       explosion-proof     Image: Sealing range D       Flat cable threaded connection     Image: Sealing range D       For Ex zone     Without       For Ex zone gas     Without       For Ex zone dust     Without       Flame resistant     flame resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° C       Thread     M40 x 1,5       Thread type     Metric			
SW 2     50,00 mm       SW2/E2     Version     Straight       Type of seal     Sealing ring       Bend protection     Image D       Sealing range D     16,00 - 28,00 mm       explosion-proof     Image D       Flat cable threaded connection     Image D       For Ex zone     Without       For Ex zone gas     Without       For Ex zone dust     Without       Flame resistant     flame resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° C       Thread     M40 x 1,5       Thread type     Metric			
SW2/E2     Version     Straight       Type of seal     Sealing ring       Bend protection     Image: Sealing range D       Sealing range D     16,00 - 28,00 mm       explosion-proof     Image: Sealing range D       Flat cable threaded connection     Image: Sealing range D       For Ex zone     Without       For Ex zone gas     Without       For Ex zone dust     Without       Flame resistant     flame resistant to VDE 0471/DIN 695 Part 2-1, test temperature 650° C       Thread     M40 x 1,5       Thread type     Metric			
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Thread type Metric			
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		I nread length	11,00 mm

#### **Technical specifications**



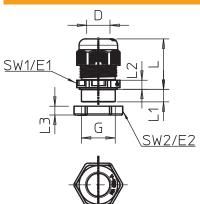
## **Technical data sheet**

Cable gland, metric thread, set with locknut, light grey

### Art.-Nr. 2022772



#### **Technical specifications**



Thread increase	1,50 mm
Nominal thread size	40,00
Glass-fibre reinforced	
Halogen-free	
Installation torque	10,00 Nm
Multiple sealing insert	
With locknut	
Impact resistant	
Protection rating	IP68
Splittable gland	
Strain relief option	$\square$

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