

Montageanleitung

Schritt 3

Schritt 4

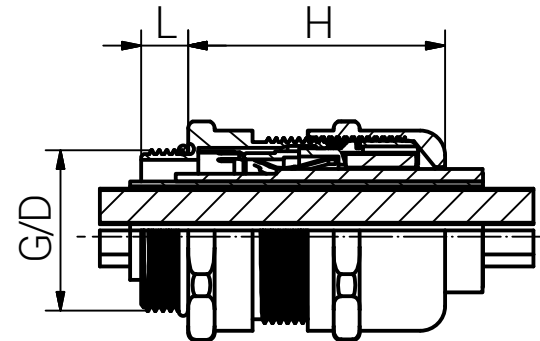
Schritt 1

Schritt 2

Schritt 5

SW 1 / ADM

SW 2 / ADM



Schritt	Montageschritt (Die Installation sollte nur von einem qualifizierten Elektriker durchgeführt werden, der in der Installation von Kabelverschraubungen geschult ist.)
1	Kabelverschraubung mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren.
2	Stutzen soweit anziehen, dass der O-Ring seine Funktion erfüllt. Als Richtwert gilt der in der Tabelle genannte ADM. Zu festes Anziehen kann zu Beschädigungen führen.
3	Kabel vorbereiten (abmanteln) und durch die Kabelverschraubungen führen, so dass das EMV-Element der Kabelverschraubung und die Schirmung des Kabels kontaktiert werden können.
4	Hutmutter soweit anziehen, dass der Dichteinsatz seine Funktion erfüllt und das EMV-Element und die Schirmung Kontakt haben. Zu festes Anziehen kann zu Beschädigungen führen.
Durchmesser des Montagelochs: - Gewindebohrung gemäß EN 60423 - Durchgangsbohrung siehe Tabelle.	
Zugentlastung gemäß EN 62444 : 2013 - Klemmbereich 3-4 mm = Rückhaltevermögen - Rest = Kategorie A	
IP-Schutzart ist IP 68 (5 bar / 30 min.) / IP66 / IP69.	

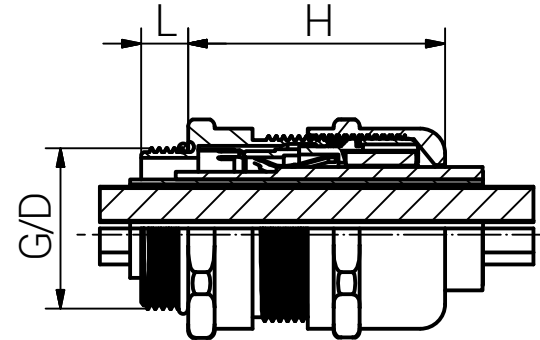
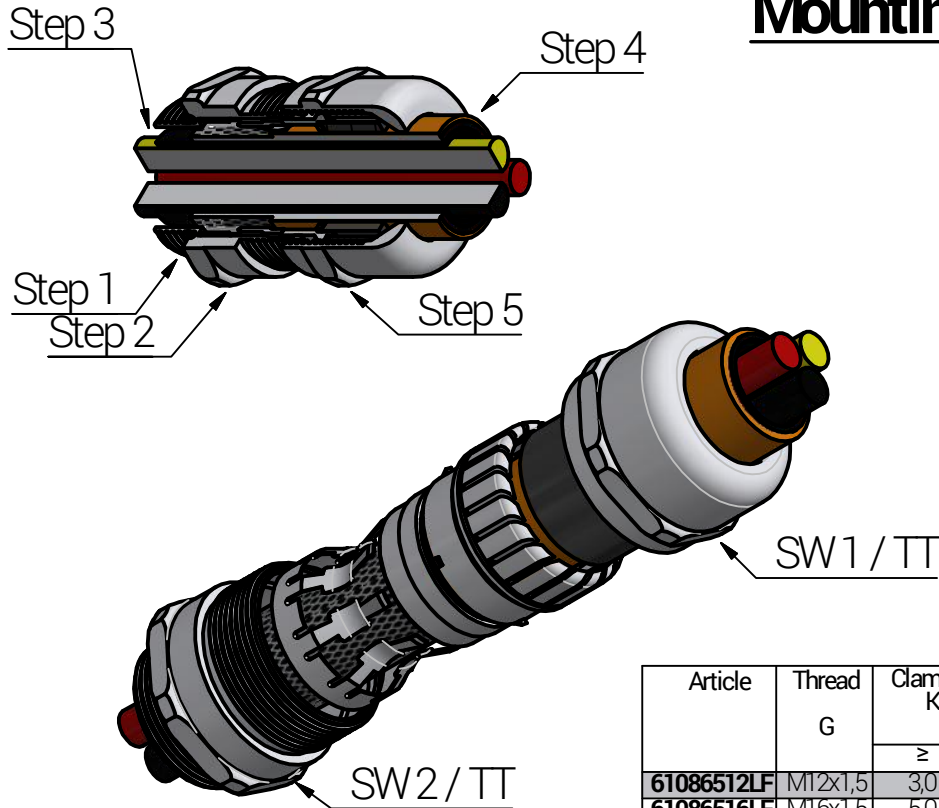
Artikel	Gewinde G	Klemmbereich KB (mm)		Klemmbereich Schirm (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Durchgangs- bohrung (mm)	Anzugsdreh- moment (Nm) ADM		Kategorie der Schlagein- wirkung
		≥	≤	≥	≤							Hutmutter	Stutzen	
61086512LF	M12x1,5	3,0	6,5	2,0	5,0	14	14	6,0	30,0	12,0	12 (0/+0,2)	5,0	5,0	2
61086516LF	M16x1,5	5,0	10,0	3,5	8,0	20	20	6,0	35,0	16,0	16 (0/+0,2)	6,0	6,0	2
61086522LF	M20x1,5	7,5	14,0	5,5	11,5	24	24	8,0	41,5	20,0	20 (0/+0,2)	10,0	6,0	2
61086525LF	M25x1,5	10,0	18,0	7,0	14,0	30	30	8,0	44,5	25,0	25 (0/+0,2)	15,0	6,0	4
61086532LF	M32x1,5	16,0	25,0	12,0	20,0	40	40	9,0	55,0	32,0	32 (0/+0,2)	22,0	6,0	4
61086540LF	M40x1,5	22,0	32,0	18,0	27,0	50	50	9,0	62,5	40,0	40 (0/+0,2)	42,0	12,0	4
61086550LF	M50x1,5	30,0	38,0	26,0	34,0	58	58	9,0	74,0	50,0	50 (0/+0,2)	42,0	18,0	4
61086563LF	M63x1,5	34,0	44,0	30,0	40,0	64	68	14,0	60,0	63,0	63 (0/+0,2)	43,0	25,0	4

 connected by competence				RST Rabe-System-Technik und Vertriebs-GmbH Otto-Lilienthal-Strasse 19 49134 Wallenhorst ☎ +49 5407 8766-0 ✉ +49 5407 8766-99 ✉ info@rst.eu				Unless otherwise specified on the drawing: Metric Thread = EN 60423 PG Thread = DIN 40430 NPT Thread = ANSI B1.20.1 Tolerance: DIN ISO 2768-m All dimensions in mm.				Abusively use, in particular reproduction and dissemination to third parties is not permitted. You can be punished by civil law. Technical changes are reserved.			
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				Date	Name	Euro-Top EMV LF Metrisch (4. Generation)	
			Draw.	28.04.2021	SL		
			Appr.	28.04.2021	KH		
			Norm				
			Scale:		1:1,5		
C				Material: Messing, vern. (bleifrei) CuZn42	Drawing-Nr.: 610865xxLF_SZM_TD_German	1 of 1	
B							
A	Schlageinwirkung/IP	09.02.2023	SL				
Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Euro-Top-EMV-4.Generation-bleifrei\Euro-Top-EMV-04-1-BT-0001-610865xxLF_SZM_TD_German.idw			V25

**Euro-Top EMV LF Metrisch
(4. Generation)**

Mounting Instruction



Article	Thread G	Clamping Range KB (mm)		Shield Diameter (mm)		SW1 (mm)	SW2 (mm)	L (mm)	H max. (mm)	D (mm)	Non Threaded Enclosure (mm)	Tightening Torque (Nm) TT		Impact Category
		≥	≤	≥	≤							Cap	Body	
61086512LF	M12x1,5	3,0	6,5	2,0	5,0	14	14	6,0	30,0	12,0	12 (0/+0,2)	5,0	5,0	2
61086516LF	M16x1,5	5,0	10,0	3,5	8,0	20	20	6,0	35,0	16,0	16 (0/+0,2)	6,0	6,0	2
61086522LF	M20x1,5	7,5	14,0	5,5	11,5	24	24	8,0	41,5	20,0	20 (0/+0,2)	10,0	6,0	4
61086525LF	M25x1,5	10,0	18,0	7,0	14,0	30	30	8,0	44,5	25,0	25 (0/+0,2)	15,0	6,0	4
61086532LF	M32x1,5	16,0	25,0	12,0	20,0	40	40	9,0	55,0	32,0	32 (0/+0,2)	22,0	6,0	4
61086540LF	M40x1,5	22,0	32,0	18,0	27,0	50	50	9,0	62,5	40,0	40 (0/+0,2)	42,0	12,0	4
61086550LF	M50x1,5	30,0	38,0	26,0	34,0	58	58	9,0	74,0	50,0	50 (0/+0,2)	42,0	18,0	4
61086563LF	M63x1,5	34,0	44,0	30,0	40,0	64	68	14,0	60,0	63,0	63 (0/+0,2)	43,0	25,0	4



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Unless otherwise specified on the drawing:
 Metric Thread = EN 60423
 PG Thread = DIN 40430
 NPT Thread = ANSI B1.20.1
 Tolerance: DIN ISO 2768-m
 All dimensions in mm.

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Step	Assembly Steps (The installation should only be done by a qualified Electricians who are trained in the installation of cable glands.)
1	Mount the cable gland with the connection thread on the counterpart (e.g. electronic enclosure).
2	Tighten the body until the O-Ring fulfills its function. The guiding value is the TT mentioned in the table. Over tightening may cause damage.
3	Prepare the cable (dismantle) and pass it through the cable gland so that the EMC element of the cable gland and the shielding of the cable can be contacted.
4	Tighten the cap until the seal fulfills its function and that the EMC element and the shielding are in contact. Over tightening may cause damage.
Diameter of the mounting hole: - Threaded hole according to EN 60423 - Through hole see table.	
Type of cable anchorage according to EN62444:2013 - Clamping range 3-4mm = cable retention - Balance = Category A	
Degree of protection: IP 68 (5 bar / 30 min.) / IP 66 / IP69.	

				Date	Name
			Draw.	28.04.2021	SL
			Appr.	28.04.2021	KH
			Norm		
			Scale:		1:1,5
C			Material: Nickel Plated Brass (lead free) CuZn42		
B					
A	Impact Category/IP	09.02.2023			
Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Euro-Top-EMV-4.Generation-bleifrei\Euro-Top-EMV-04-1-BT-0001-610865xxLF_SZM_TD_English.idw	

Euro-Top EMC LF Metric (4th Generation)

Drawing-Nr.: 610865xxLF_SZM_TD_English	1	of 1
	A4	V18