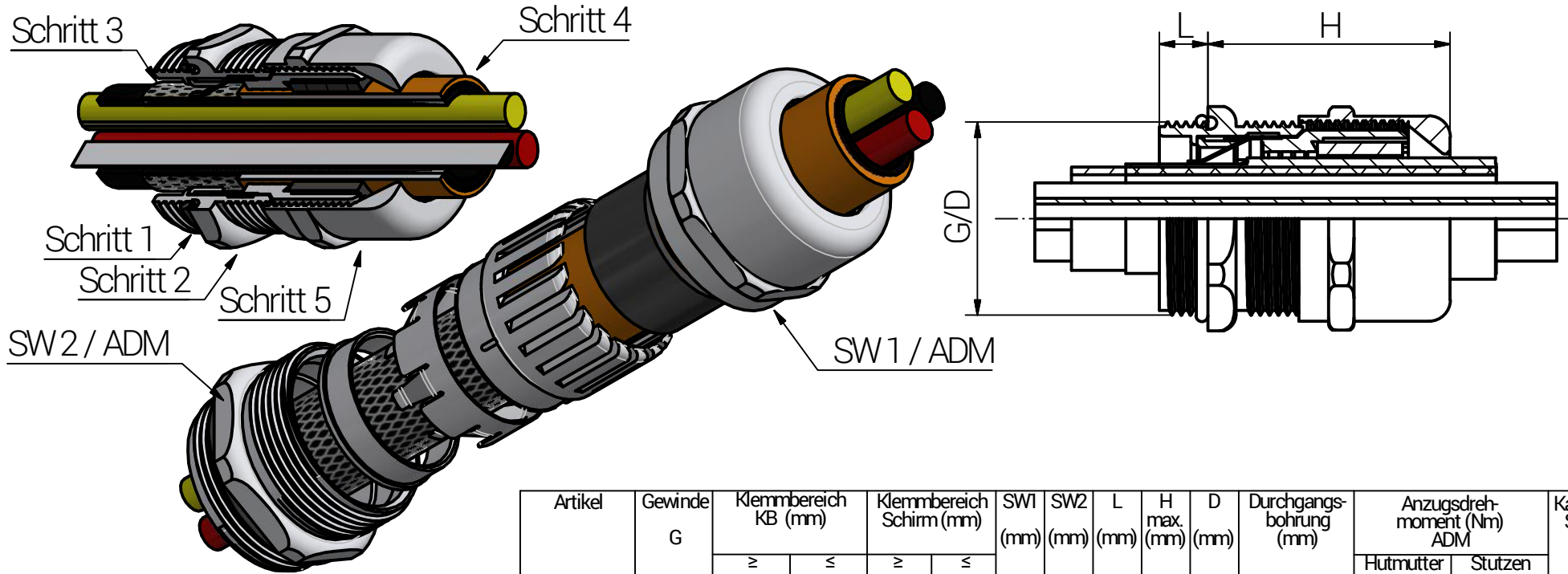


Montageanleitung



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	Stützen 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 Kabelverschraubung 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.).	

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 Schlägein- wirkung
		≥	≤	≥	≤							Hutmutter	Stützen	
61084512LF	M12x1,5	3,0	6,5	2,5	4,5	14	14	6,0	24,0	12,0	12 (0/+0,2)	5,0	5,0	2
61084516LF	M16x1,5	5,0	10,0	4,0	8,0	20	20	7,0	32,0	16,0	16 (0/+0,2)	8,0	7,0	2
61084520LF	M20x1,5	6,0	12,0	5,0	10,0	22	22	8,0	29,5	20,0	20 (0/+0,2)	11,0	7,5	2
61084525ALF	M25x1,5	11,0	17,0	9,5	15,0	27	27	8,0	33,5	25,0	25 (0/+0,2)	14,0	8,0	4
61084532LF	M32x1,5	15,0	21,0	13,5	19,0	34	34	8,0	38,0	32,0	32 (0/+0,2)	15,0	8,0	4
61084540LF	M40x1,5	19,0	28,0	17,0	25,0	43	43	9,0	48,0	40,0	40 (0/+0,2)	17,0	12,0	4
61084550LF	M50x1,5	27,0	38,0	25,0	32,0	58	58	9,0	56,0	50,0	50 (0/+0,2)	30,0	18,0	4
61084563LF	M63x1,5	34,0	44,0	31,0	41,0	64	68	14,0	59,5	63,0	63 (0/+0,2)	55,0	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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Euro-Top EMV LF Metrisch (3. Generation)

		Date	Name
Draw.	29.04.2021	SL	
Appr.	29.04.2021	KH	
Norm			
Scale:			1:1
Material:	Messing, vern. (bleifrei) CuZn42		
Status	Modification	Date	Name

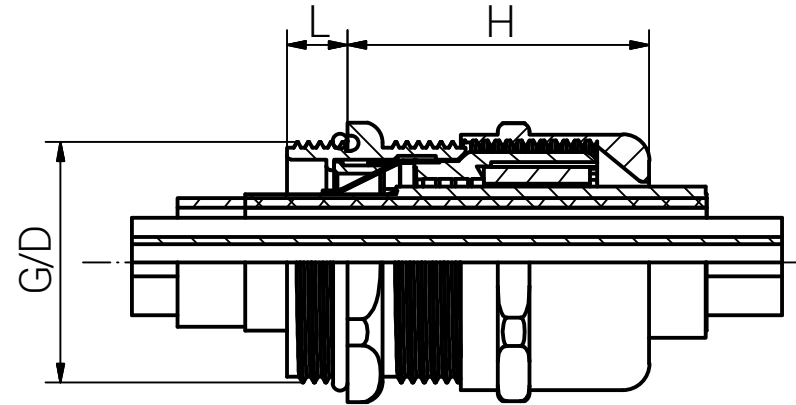
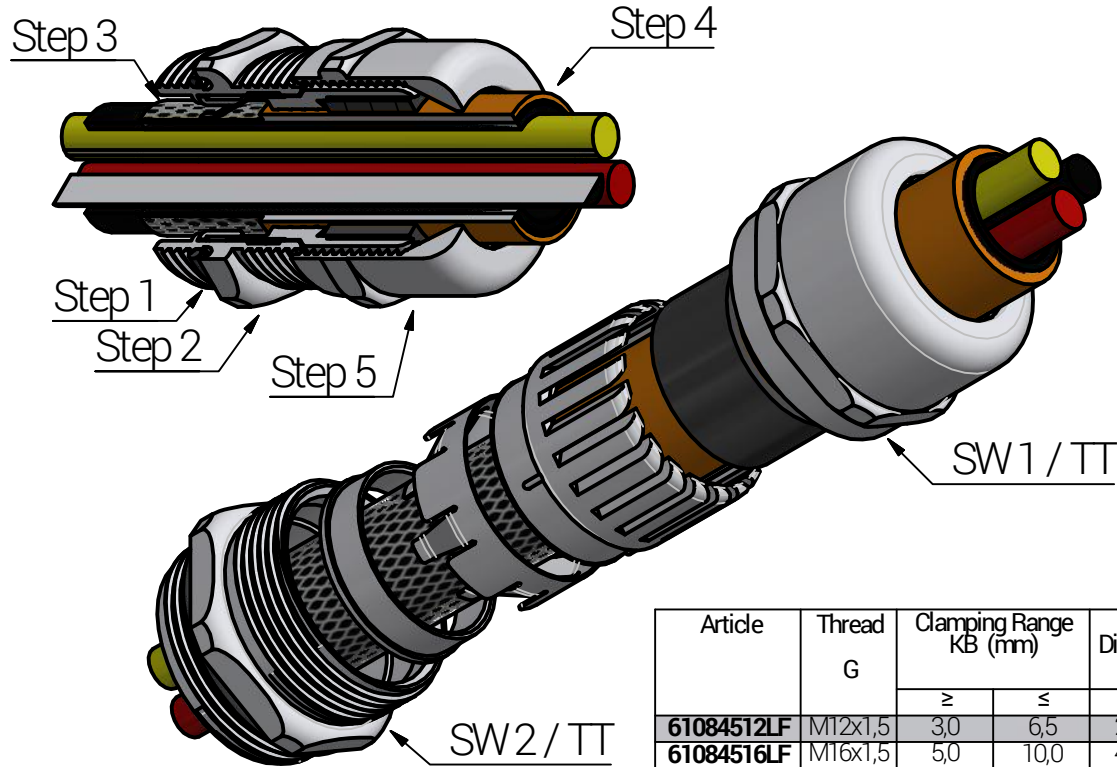
Drawing-Nr.:
610845xxLF_SZM_TD_German

1 of 1
 A4

Z:\Inventor\Montageanleitung\Euro-Top-EMV\3.Generation-bleifrei\Euro-Top-EMV\03-1-BG-0001-610845xxLF_SZM_TD_German.idw

Bitte beachten Sie, dass es sich bei der o.a. Darstellung nur um ein Maßbild handelt.

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	
61084512LF	M12x1,5	3,0	6,5	2,5	4,5	14	14	6,0	24,0	12,0	12 (0/+0,2)	5,0	5,0	2
61084516LF	M16x1,5	5,0	10,0	4,0	8,0	20	20	7,0	32,0	16,0	16 (0/+0,2)	8,0	7,0	2
61084520LF	M20x1,5	6,0	12,0	5,0	10,0	22	22	8,0	29,5	20,0	20 (0/+0,2)	11,0	7,5	2
61084525ALF	M25x1,5	11,0	17,0	9,5	15,0	27	27	8,0	33,5	25,0	25 (0/+0,2)	14,0	8,0	4
61084532LF	M32x1,5	15,0	21,0	13,5	19,0	34	34	8,0	38,0	32,0	32 (0/+0,2)	15,0	8,0	4
61084540LF	M40x1,5	19,0	28,0	17,0	25,0	43	43	9,0	48,0	40,0	40 (0/+0,2)	17,0	12,0	4
61084550LF	M50x1,5	27,0	38,0	25,0	32,0	58	58	9,0	56,0	50,0	50 (0/+0,2)	30,0	18,0	4
61084563LF	M63x1,5	34,0	44,0	31,0	41,0	64	68	14,0	59,5	63,0	63 (0/+0,2)	55,0	25,0	4

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.).	



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

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		Date	Name
Draw.		29.04.2021	SL
Appr.		29.04.2021	KH
Norm			
Scale:			1:1
Material:	Nickel Plated Brass (lead free) CuZn42		
Status	Modification	Date	Name

Euro-Top EMC LF Metric (3rd Generation)	
Drawing-Nr.:	610845xxLF_SZM_TD_English
1	of 1
A4	
V75	

Please note that the above representation is just a dimension illustration.