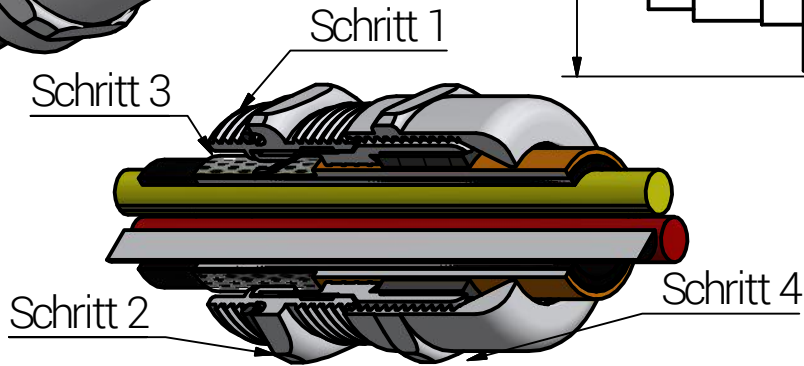
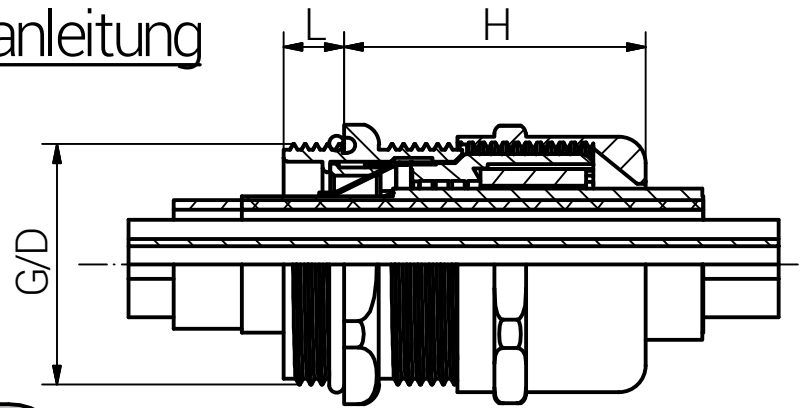
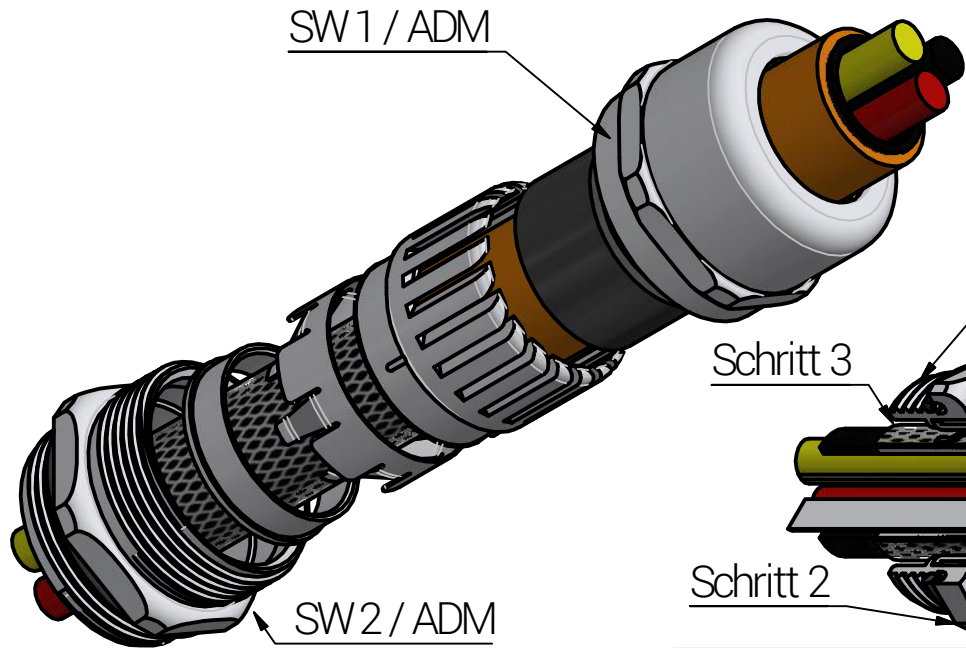



Montageanleitung



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 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.) / IP 66 / IP 69.	

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 Schlag- ein- wirkung
		≥	≤	≥	≤							Hutmutter	Stützen	
61084512	M12x1,5	3,0	6,5	2,5	4,5	14	14	6,0	22,0	12,0	12 (0/+0,2)	5,0	5,0	2
61084516	M16x1,5	5,0	10,0	4,0	8,0	20	20	7,0	29,0	16,0	16 (0/+0,2)	8,0	6,0	2
61084520	M20x1,5	6,0	12,0	5,0	10,0	22	22	8,0	27,5	20,0	20 (0/+0,2)	11,0	6,0	2
61084525A	M25x1,5	11,0	17,0	9,5	15,0	27	27	8,0	30,7	25,0	25 (0/+0,2)	14,0	8,0	4
61084532	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
61084540	M40x1,5	19,0	28,0	17,0	25,0	43	43	9,0	43,0	40,0	40 (0/+0,2)	17,0	12,0	4
61084550	M50x1,5	27,0	38,0	25,0	32,0	58	58	9,0	54,5	50,0	50 (0/+0,2)	30,0	18,0	4
61084563	M63x1,5	34,0	44,0	31,0	41,0	64	68	14,0	57,0	63,0	63 (0/+0,2)	55,0	25,0	4



RST Rabe-System-Technik und Vertriebs-GmbH
Otto-Lilienthal-Strasse 19
49134 Wallenhorst
☎ +49 5407 8766-0
☎ +49 5407 8766-99
✉ info@rst.eu

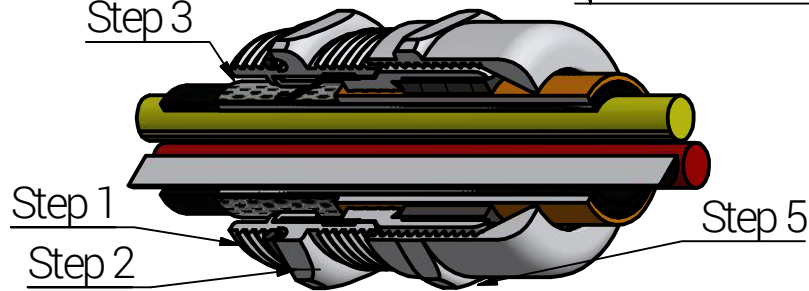
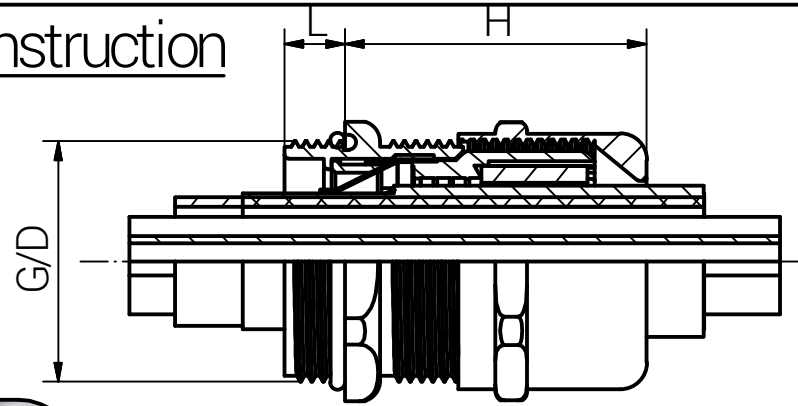
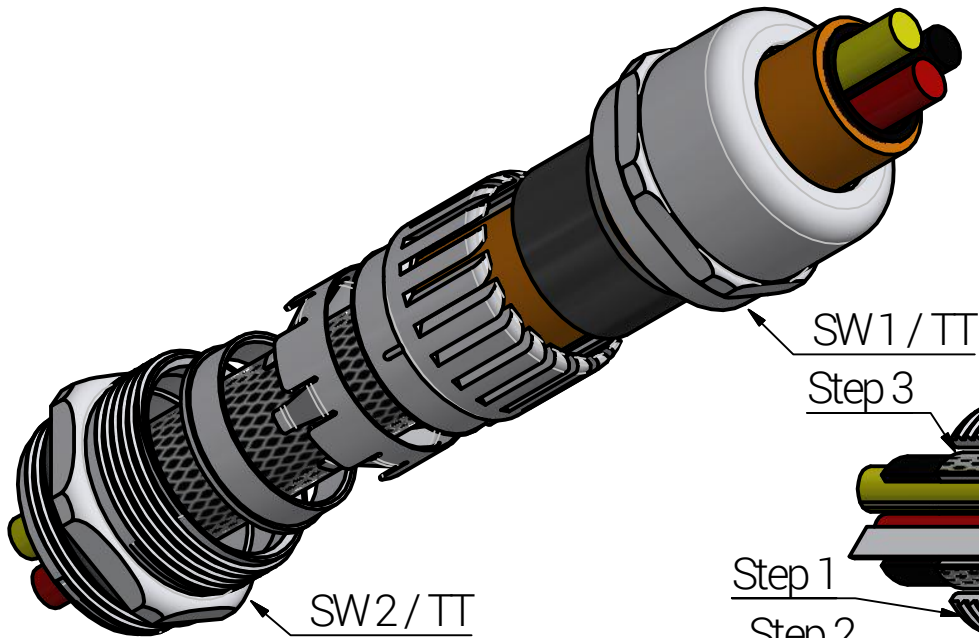
Unless otherwise specified on the drawing:
Metric Thread = EN 60423
PG Thread = DIN 40430
NPT Thread = ANSI B1.20.1
Tolerance: DIN ISO 2768-m
All dimensions in mm.

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				Date	Name	<h2 style="margin: 0;">Euro-Top EMV M (3. Generation)</h2>		
				Draw.	10.07.2018			SL
				Appr.	10.07.2018			KH
				Norm				
				Scale:		1:1		
C	Anzugsdrehmoment	06.05.2021	SL	Material: <h3 style="margin: 0;">Messing, vern.</h3>		Drawing-Nr.: <h3 style="margin: 0;">610845xx_SZM_TD_German</h3>		
B	Text	09.11.2020	SL					
A	Anzugsdrehmoment	20.03.2019	SL					
Status	Modification	Date	Name	Z:\Inventar\Montageanleitung\Euro-Top-EMV\3.Generation\610845xx_SZM-TD\Euro-Top-EMV-03-1-BG-0001-610845xx_SZM_TD_German.idw		1 of 1 A4 V15		

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

Mounting Instruction




Article	Thread G	Clamping Range (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	
61084512	M12x1,5	3,0	6,5	2,5	4,5	14	14	6,0	22,0	12,0	12 (0/+0,2)	5,0	5,0	2
61084516	M16x1,5	5,0	10,0	4,0	8,0	20	20	7,0	29,0	16,0	16 (0/+0,2)	8,0	6,0	2
61084520	M20x1,5	6,0	12,0	5,0	10,0	22	22	8,0	27,5	20,0	20 (0/+0,2)	11,0	6,0	2
61084525A	M25x1,5	11,0	17,0	9,5	15,0	27	27	8,0	30,7	25,0	25 (0/+0,2)	14,0	8,0	4
61084532	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
61084540	M40x1,5	19,0	28,0	17,0	25,0	43	43	9,0	43,0	40,0	40 (0/+0,2)	17,0	12,0	4
61084550	M50x1,5	27,0	38,0	25,0	32,0	58	58	9,0	54,5	50,0	50 (0/+0,2)	30,0	18,0	4
61084563	M63x1,5	34,0	44,0	31,0	41,0	64	68	14,0	57,0	63,0	63 (0/+0,2)	55,0	25,0	4

Step	Assembly Steps (The installation should only be done by a qualified electrician 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 / IP 69.



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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.

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		Date	Name
Draw.		17.07.2018	SL
Appr.		17.07.2018	KH
Norm			
Scale:			1:1
C	Tightening Torque	06.05.2021	SL
B	Text	09.11.2020	SL
A	Tightening Torque	20.03.2019	SL
Status	Modification	Date	Name

Nickel Plated Brass

**Euro-Top EMC M
(3rd Generation)**

Drawing-Nr.: **610845xx_SZM_TD_English**

<p>Material: Nickel Plated Brass</p>	<p>Drawing-Nr.: 610845xx_SZM_TD_English</p>
<p>Material: Nickel Plated Brass</p>	<p>Drawing-Nr.: 610845xx_SZM_TD_English</p>

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