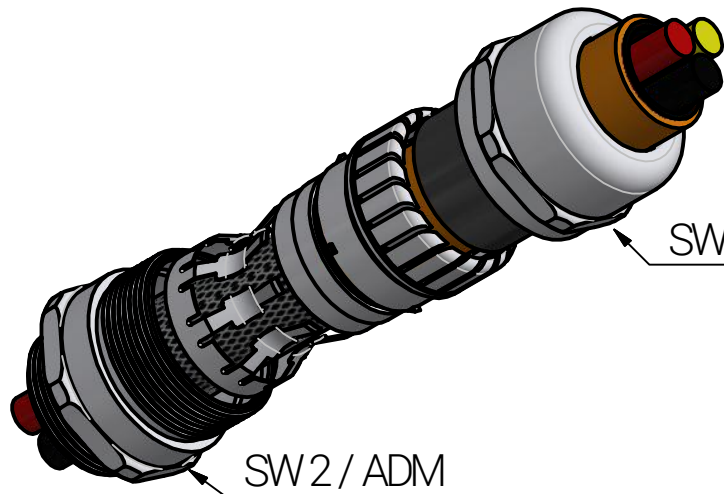


# Montageanleitung



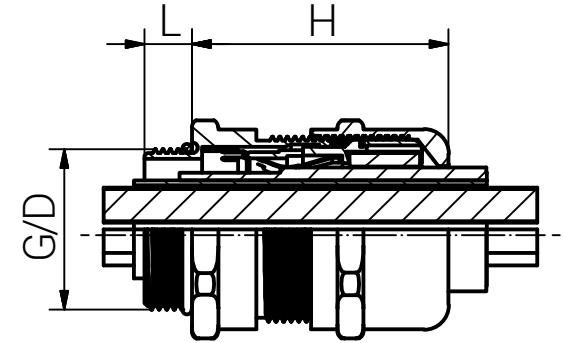
SW 1 / ADM

Schritt 3

SW 2 / ADM

Schritt 1  
Schritt 2

Schritt 4



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.	
Einsatztemperatur: -40°C bis +100°C	

Artikel	Gewinde G	Klemmbereich (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	
R61086512	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
R61086516	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
R61086520	M20x1,5	6,0	12,0	4,5	10,0	22	22	6,0	33,5	20,0	20 (0/+0,2)	6,0	6,0	2
R61086522	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	-
R61086525	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
R61086532	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
R61086540	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



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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.

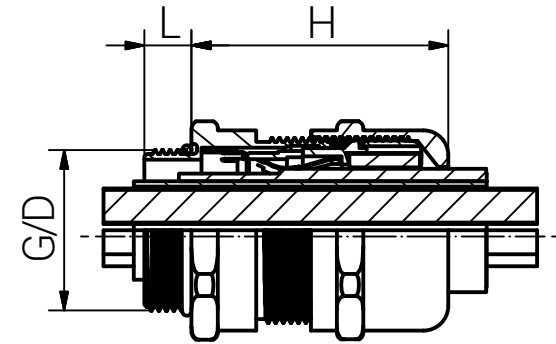
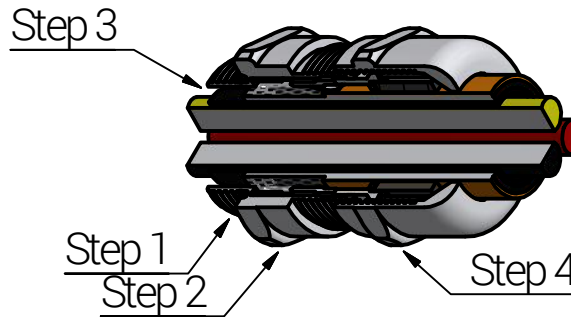
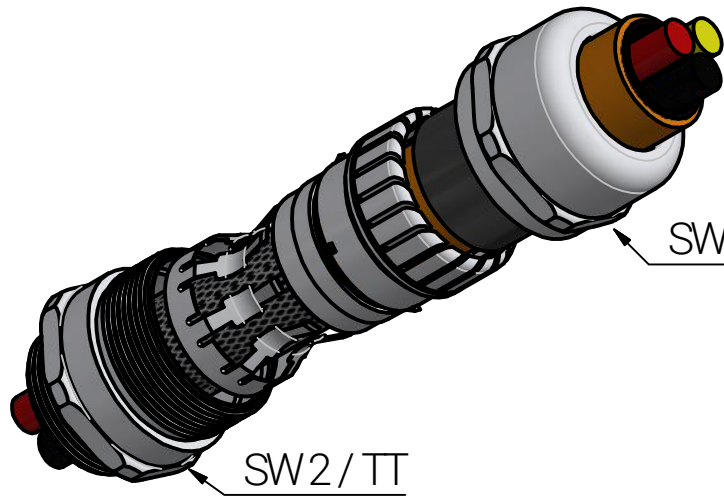
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Date		Name	
Draw.	16.11.2021	SL	
Appr.	16.11.2021	KH	
Norm			
Scale:		1:1,5	
Material:		Messing, vern.	
Status	Modification	Date	Name

## Euro-Top EMV / Metrisch Bahnanwendungen (4. Generation)

Drawing-Nr.:	R610865xx_SZM_TD_German	1	of 1
		A4	V7

# 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	
R61086512	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
R61086516	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
R61086520	M20x1,5	6,0	12,0	4,5	10,0	22	22	6,0	33,5	20,0	20 (0/+0,2)	6,0	6,0	2
R61086522	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	-
R61086525	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
R61086532	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
R61086540	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

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.	
Operating Temperature: -40°C to +100°C	



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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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Date	Name
Draw. 16.11.2021	SL
Appr. 16.11.2021	KH
Norm	
Scale:	1:1,5
Material:	Nickel Plated Brass
Status	Modification
Date	Name

Euro-Top EMC / Metric Rail Application (4th Generation)		Drawing-Nr.:	R610865xx_SZM_TD_English	1	of 1
				A4	V7