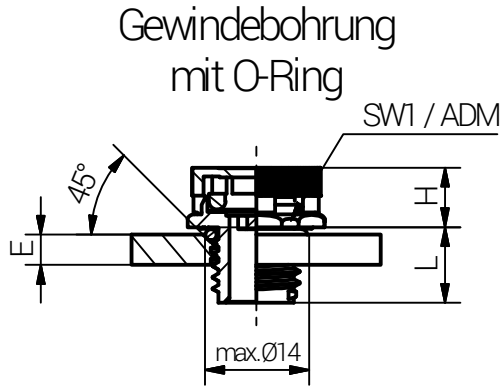
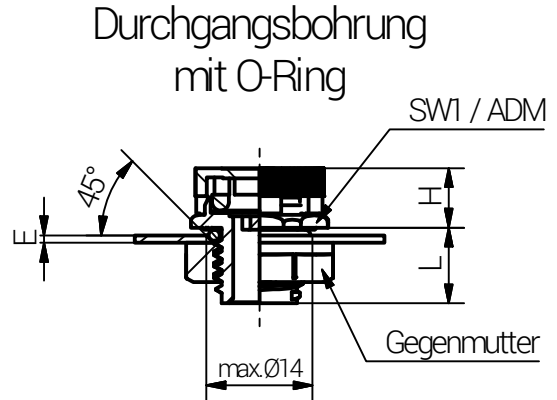


Montageanleitung



E= Min. 4,0 mm
O-Ring



E= Max. 1,0 mm für 6,0 mm Gewindelänge
E= Max. 5,0 mm für 10,0 mm Gewindelänge

Schritt	Montageschritt (Die Installation sollte nur von einem qualifizierten Elektriker durchgeführt werden, der in der Installation von Kabelverschraubungen geschult ist.)
1	Druckausgleichselement mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren und so weit anziehen, dass der O-Ring seine Funktion erfüllt. Zu festes Anziehen kann zu Beschädigungen führen.
Das Druckausgleichselement sollte seitlich montiert werden.	

Artikel	Membran-typ	Gewinde	SW1	L	H max.	Anzugsdrehmoment (Nm) ADM	
RAL7035	RAL9005	G	(mm)	(mm)	(mm)	Toleranz ±0,1	
11086512HLD	13086512HLD	H	M12x1,5	17	6,0	7,6	0,5
11087512HLD	13087512HLD	H	M12x1,5	17	10,0	7,6	0,5



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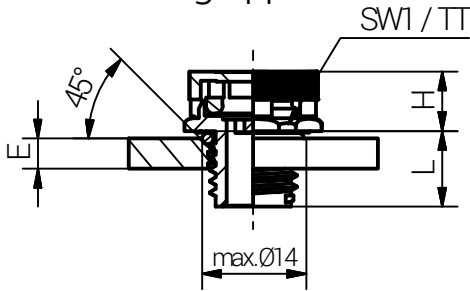
Unless otherwise specified on the drawing:
Metric Thread = EN 60423
PG Thread = DIN 40430
NPT Thread = ANSI B1.20.1
Tolerance: DIN ISO 2768-m
All dimensions in mm

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				Date	Name	UL-Druckausgleichselement M	
			Draw.	14.04.2020	SL		
			Appr.	14.04.2020	KH		
			Norm		2:1		
			Scale:				
				Material:		Drawing-Nr.:	
				Polyamid		1x08x512HLD_SZM_TD_German	
A	Text	09.11.2020	SL			1	of 1
Status	Modification	Date	Name	Z:\Inventor\Montageanleitung\Druckausgleichselemente\UL-DAE_Kunststoff\M_1x08x512HLD\UL-DAE-01-1-BG-0001-1x08x512HLD_SZM_TD_German.idw		A4	V10

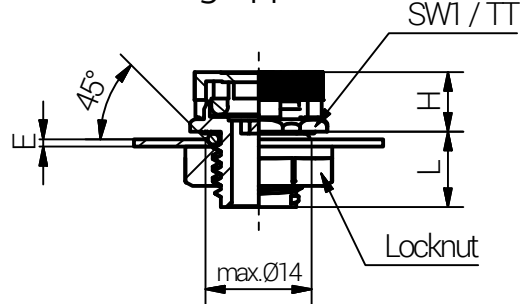
Mounting Instruction

Threaded Enclosure
O-Ring Application



E= Min. 4,0 mm
O-Ring

Non Threaded Enclosure
O-Ring Application



E= Max. 1,0 mm für 6,0 mm plug thread length
E= Max. 5,0 mm für 10,0 mm plug thread length

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 pressure balance element with the connection thread on the counterpart (e.g. electronic enclosure) and tighten until the O-Ring fulfills its function. Over tightening may cause damage.																																				
The pressure equalization element should be mounted laterally.																																					
	<table border="1"> <thead> <tr> <th colspan="2">Articel</th> <th>Type of membrane</th> <th>Thread</th> <th>SW1</th> <th>L</th> <th>H</th> <th>Tighting Torque (Nm)</th> <th>TT</th> </tr> <tr> <th>RAL7035</th> <th>RAL9005</th> <th></th> <th>G</th> <th>(mm)</th> <th>(mm)</th> <th>(mm)</th> <th colspan="2">Tolerances ±0,1</th> </tr> </thead> <tbody> <tr> <td>11086512HLD</td> <td>13086512HLD</td> <td>H</td> <td>M12x1,5</td> <td>17</td> <td>6,0</td> <td>7,6</td> <td colspan="2">0,5</td> </tr> <tr> <td>11087512HLD</td> <td>13087512HLD</td> <td>H</td> <td>M12x1,5</td> <td>17</td> <td>10,0</td> <td>7,6</td> <td colspan="2">0,5</td> </tr> </tbody> </table>	Articel		Type of membrane	Thread	SW1	L	H	Tighting Torque (Nm)	TT	RAL7035	RAL9005		G	(mm)	(mm)	(mm)	Tolerances ±0,1		11086512HLD	13086512HLD	H	M12x1,5	17	6,0	7,6	0,5		11087512HLD	13087512HLD	H	M12x1,5	17	10,0	7,6	0,5	
Articel		Type of membrane	Thread	SW1	L	H	Tighting Torque (Nm)	TT																													
RAL7035	RAL9005		G	(mm)	(mm)	(mm)	Tolerances ±0,1																														
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Unless otherwise specified on the drawing:
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NPT Thread = ANSI B1.20.1
Tolerance: DIN ISO 2768-m
All dimensions in mm

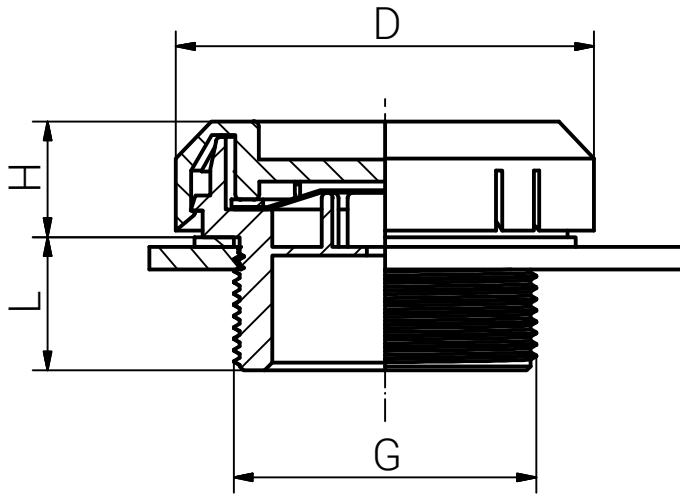
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				Date	Name	<h2>UL-Pressure Balance Elements M</h2>
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			Appr.	14.04.2020	KH	
			Norm		2:1	
			Scale:			
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A	Text	09.11.2020	SL			1 of 1
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						V10

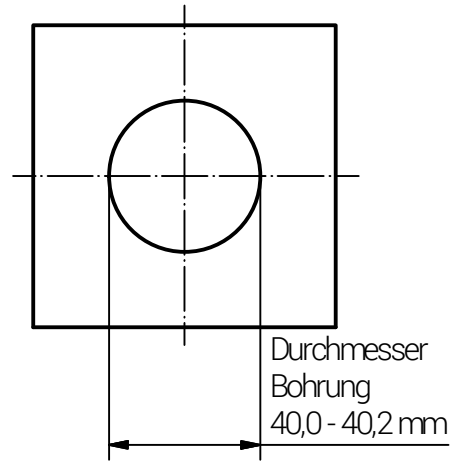
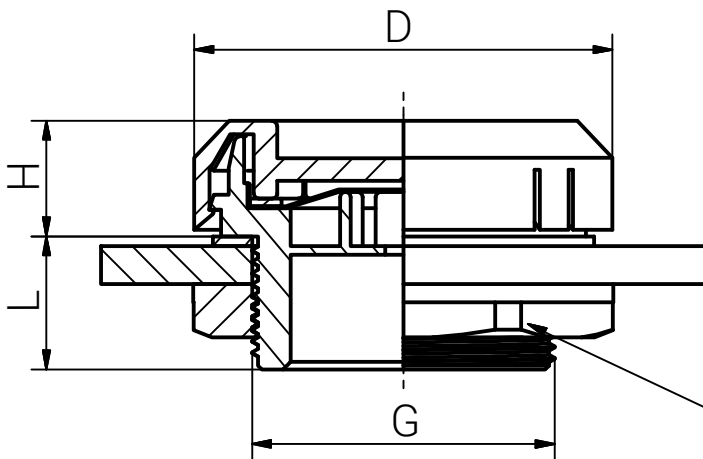
Please note that the above representation is just a dimension illustration.

Montageanleitung

Gewindebohrung
mit Flachdichtung



Durchgangsbohrung
mit Flachdichtung



Gegenmutter

Schritt	Montageschritt								
	1	Druckausgleichselement mit dem Anschlussgewinde am Gegenstück (z.B. Elektronikgehäuse) montieren und soweit anziehen, dass die Flachdichtung ihre Funktion erfüllt. Zu festes Anziehen kann zu Beschädigungen führen. Das Druckausgleichselement sollte seitlich montiert werden.							
		Artikel		Membrantyp	Gewinde	D	L	H	Anzugsdrehmoment (Nm) ADM
		RAL7035	RAL9005	H	G	(mm)	(mm)	(mm)	Toleranz ±0,5
		11087540HLD	13087540HLD		M40x1,5	55,3	18,0	15,5	5,0



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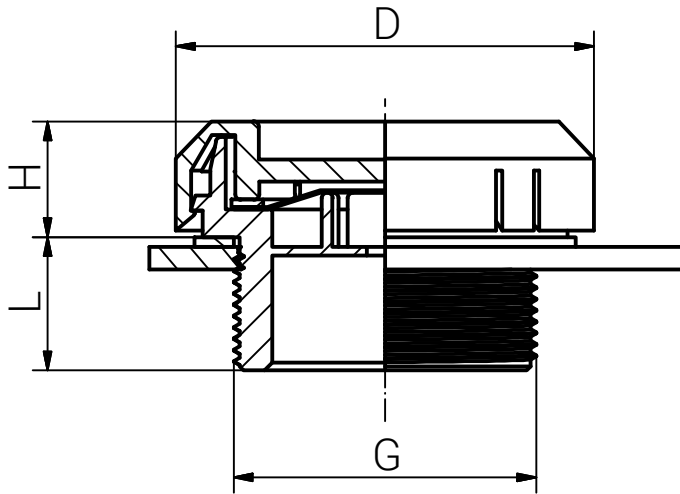
Unless otherwise specified on the drawing:
Metric Thread = EN 60423
PG Thread = DIN 40430
NPT Thread = ANSI B1.20.1
Tolerance: DIN ISO 2768-m
All dimensions in mm

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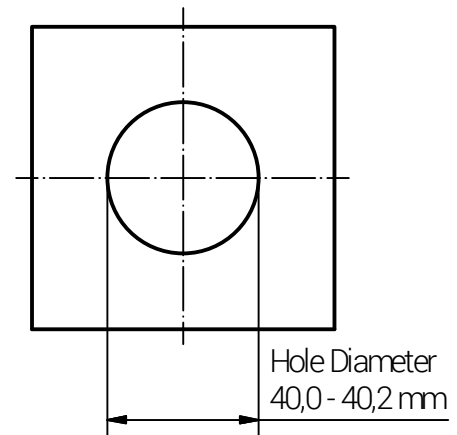
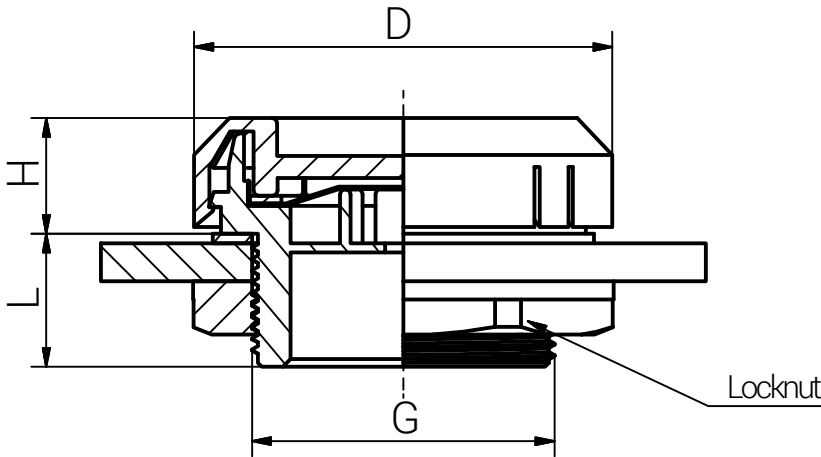
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				Appr.	09.06.2020					KH
				Norm						1:1/1:2
				Scale:						
				Material:		Polycarbonat	Drawing-Nr.:		1 of 1	
							1x087540HLD_SZM_TD_German		A4	
A	Text	09.11.2020	SL							V4
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Mounting Instruction

Threaded Enclosure Flat Washer Application



Non Threaded Enclosure Flat Washer Application




Step	Assembly Steps
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1	Mount the pressure balance element with the connection thread on the counterpart (e.g. electronic enclosure) and tighten until the washer fulfills its function. Over tightening may cause damage.
---	--

The pressure equalization element should be mounted laterally.

Article	Type of membrane	Thread	D (mm)	L (mm)	H (mm)	Tighting Torque (Nm) TT
RAL7035 11087540HLD	RAL9005 13087540HLD	G M40x1,5	55,3	18,0	15,5	5,0

 <p>connected by competence</p>	<p>RST Rabe-System-Technik und Vertriebs-GmbH Otto-Lilienthal-Strasse 19 49134 Wallenhorst ☎ +49 5407 8766-0 ☎ +49 5407 8766-99 ✉ info@rst.eu</p>	<p>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</p>	<p>Abusively use, in particular reproduction and dissemination to third parties is not permitted. You can be punished by civil law. Technical changes are reserved.</p>
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				Date	Name	<h2>UL-Pressure Balance Elements Plastic M 40x1,5</h2>				
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				Appr.	09.06.2020		KH			
				Norm			1:1/1:2			
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				Material:	Polycarbonate		Drawing-Nr.:	1x087540HLD_SZM_TD_Englsh	1	of 1
A	Text	09.11.2020	SL					A4		
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Please note that the above representation is just a dimension illustration.