

**Material:**

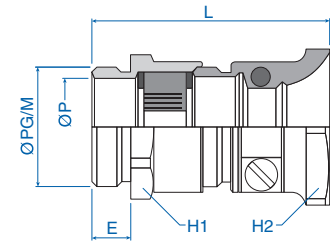
- Nickel-plated brass
- Sealing ring: Neoprene

**Characteristics:**

- PG/Metric thread
- Sealing ring, punchable

**Applications:**

- Tension proof grip
- Grounding connection possible
- Protects bent cable


**Type ZEVB Nickel-Plated Brass**
*with traction relief and kink protection*

Outer thread	Clamping range Seal mm	Clamping range traction relief mm	Cat. No.	Std. Pk.
<b>PG</b>				
PG 9	2 - 9	6 - 9.5	<b>4308093</b>	50
PG 11	4 - 11	8 - 11.5	<b>4308115</b>	50
PG 13.5	4.5 - 12	9 - 13	<b>4308131</b>	50
PG 16	5.5 - 14.5	10 - 15	<b>4308166</b>	25
PG 21	8 - 19	14 - 20	<b>4308212</b>	25
PG 29	12 - 27	19 - 30	<b>4308298</b>	10
<b>Metric</b>				
M 16 x 1.5	2 - 9	6 - 9.5	<b>4308516</b>	100
M 20 x 1.5	4 - 11	8 - 11.5	<b>4308520</b>	100
M 20 x 1.5	4.5 - 12	9 - 13	<b>4308521</b>	100
M 25 x 1.5	5.5 - 14.5	10 - 15	<b>4308525</b>	50
M 25 x 1.5	8 - 18	14 - 20	<b>4308526</b>	25
M 32 x 1.5	8 - 19	14 - 20	<b>4308532</b>	25
M 32 x 1.5	12 - 27	19 - 30	<b>4308533</b>	25

**Temperature Range**

 -25 to 100°C  
 (-13 to 212°F)

Thread Size	Dimensions					
	H1 mm	H2 mm	E mm	L mm	ØP mm	ØPG/M mm
PG9	17	22	6	34	12.5	15.2
PG11	20	24	6	36	15	18.6
PG13.5	22	28	6.5	37	17	20.4
PG16	24	30	6.5	40	18.5	22.5
PG21	30	38	7	43	24	28.3
PG29	40	50	8	48	32	37
M16	18	22	7	35	12.5	16
M20	22	24	7	37	15	20
M20	22	28	7	37.5	16	20
M25	27	30	8	41.5	18.5	25
M25	32	38	8	44	18.5	25
M32	34	38	8.5	44.5	24	32
M32	40	50	8.5	48.5	28	32

**Material:**

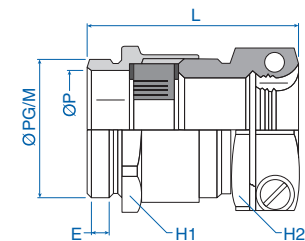
- Nickel-plated brass
- Sealing ring: Neoprene

**Characteristics:**

- PG/Metric thread

**Applications:**

- Centered traction relief
- No cable twisting while clamping
- Tension proof grip
- Grounding connection possible


**Type ZA Nickel-Plated Brass**
*with centered traction relief and kink protection*

Outer thread	Clamping range Seal mm	Clamping range traction relief mm	Cat. No.	Std. Pk.
<b>PG</b>				
PG 7	4 - 6	5.5 - 7.5	<b>4305078</b>	100
Pg 9	2 - 9	6.5 - 9.5	<b>4305094</b>	50
PG 11	4 - 11	7.5 - 11.5	<b>4305116</b>	50
PG 13.5	4.5 - 12	8.5 - 13.5	<b>4305132</b>	50
PG 16	5.5 - 14.5	10.5 - 16.5	<b>4305167</b>	25
PG 21	8 - 19	12 - 20.5	<b>4305213</b>	25
PG 29	12 - 27	19 - 29.5	<b>4305299</b>	10
PG 36	22 - 33	24 - 36.5	<b>4305361</b>	10
PG 42	25 - 40	33 - 42.5	<b>4305426</b>	5
PG 48	30 - 45	36 - 47.5	<b>4305485</b>	5
<b>Metric</b>				
M 12 x 1.5	4 - 6	5.5 - 7.5	<b>4305500</b>	50
M 16 x 1.5	2 - 9	6.6 - 9.5	<b>4305501</b>	50
M 16 x 1.5	4 - 11	7.5 - 11.5	<b>4305502</b>	50
M 16 x 1.5	4.5 - 12	8.5 - 13.5	<b>4305503</b>	50
M 20 x 1.5	4 - 11	7.5 - 11.5	<b>4305504</b>	50
M 20 x 1.5	4.5 - 12	8.5 - 13.5	<b>4305505</b>	50
M 20 x 1.5	5.5 - 14.5	10.5 - 16.5	<b>4305506</b>	50
M 25 x 1.5	5.5 - 14.5	10.5 - 16.5	<b>4305507</b>	20
M 32 x 1.5	8 - 19	12 - 20.5	<b>4305508</b>	20
M 32 x 1.5	12 - 27	19 - 29.5	<b>4305509</b>	20
M 40 x 1.5	12 - 27	19 - 29.5	<b>4305510</b>	20
M 50 x 1.5	22 - 33	24 - 36.5	<b>4305511</b>	10
M 50 x 1.5	25 - 40	33 - 42.5	<b>4305512</b>	10
M 63 x 1.5	25 - 40	33 - 42.6	<b>4305513</b>	5
M 63 x 1.5	30 - 45	36 - 47.5	<b>4305514</b>	5
M 75 x 1.5	30 - 45	36 - 47.5	<b>4305515</b>	1

**Temperature Range**

 -25 to 100°C  
 (-13 to 212°F)

Thread Size	Dimensions					
	H1 mm	H2 mm	E mm	L mm	ØP mm	ØPG/M mm
PG7	14	16	5	29	10	12.5
PG9	17	19	6	34	12.5	15.2
PG11	20	22	6	35	15	18.6
PG13.5	22	24	6.5	36	17	20.4
PG16	24	27	6.5	36	18.5	22.5
PG21	30	33	7	42	24	28.3
PG29	40	42	8	47	32	37
PG36	50	52	9	53	42	47
PG42	57	60	10	65	48	54
PG48	64	64	10	68	52.5	59.3
M12	14	16	7	29	8	12
M16	18	19	7	34	12.5	16
M16	20	22	7	34	12.5	16
M16	22	24	7	35	12.5	16
M20	22	22	7	34	15	20
M20	22	24	7	39	16	20
M20	24	27	7	34	16	20
M25	27	27	8	40	18.5	25
M32	34	33	8.5	43	24	32
M32	40	42	8.5	46	28	32
M40	42	42	8.5	45	32	40
M50	52	52	9.5	50	42	50
M50	58	60	9.5	54	42	50
M63	65	60	10.5	55	48	63
M63	65	64	10.5	56	48	63
M75	80	64	11.5	56	52.5	75

Locknuts and seal rings sold separately, see page 25 and 35.

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