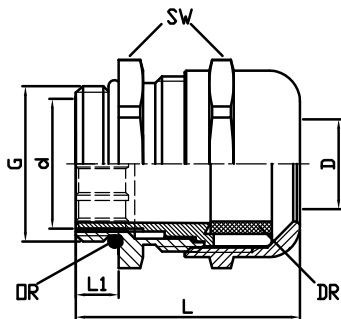


Cable fittings and accessories

Metal fitting TOP-T



Properties

- Cable fitting with hexagon base
- Strain relief
- Gasket and O-Ring

Technical data

Protection class IP 68 to 5 bar

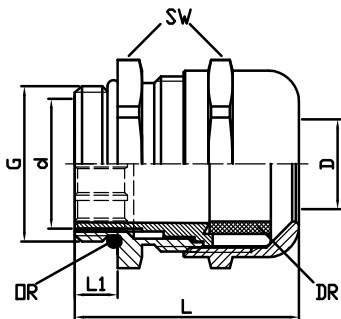
Design

- Material Brass nickel-plated
- Gasket Neoprene
- O-ring (OR) Perbunan®

Part-No.	Type	G	Clamping range D mm	SW mm	L 1 mm	L mm	weight approx. kg/100 piece	PU piece
TOP-T metric								
600701	TOP-T M 12 × 1.5	M 12	3.0 – 6.5	14	5.0	25.0	1.12	100
600760	TOP-T M 16 × 1.5	M 16	5.5 – 10.0	17	5.5	28.0	1.46	100
600761	TOP-T M 20 × 1.5	M 20	8.0 – 13.0	22	6.0	31.0	2.63	100
600762	TOP-T M 25 × 1.5	M 25	11.0 – 18.0	30	7.0	36.0	5.43	50
600763	TOP-T M 32 × 1.5	M 32	15.0 – 21.0	34	8.0	39.0	7.12	10
600702	TOP-T M 40 × 1.5	M 40	19.0 – 27.0	44	8.0	45.0	15.90	10
600703	TOP-T M 50 × 1.5	M 50	26.0 – 35.0	55	9.0	54.0	27.21	5
600704	TOP-T M 63 × 1.5	M 63	39.0 – 48.0	66	10.0	57.0	31.78	5
TOP-T PG								
600710	TOP-T PG 7	PG 7	3.0 – 6.5	14	5.0	25.0	1.13	100
600711	TOP-T PG 9	PG 9	5.5 – 10.0	17	6.0	28.0	1.51	100
600712	TOP-T PG 11	PG 11	5.5 – 10.0	20	6.0	28.5	3.12	50
600713	TOP-T PG 13.5	PG 13.5	8.0 – 13.0	22	6.5	31.0	2.86	50
600714	TOP-T PG 16	PG 16	8.0 – 14.0	24	6.5	32.0	3.34	50
600715	TOP-T PG 21	PG 21	11.0 – 18.0	30	7.0	36.0	6.40	50
600716	TOP-T PG 29	PG 29	19.0 – 27.0	40	8.0	46.0	11.20	25
600717	TOP-T PG 36	PG 36	26.0 – 35.0	50	9.0	55.0	18.82	10
600718	TOP-T PG 42	PG 42	26.0 – 35.0	57	10.0	55.0	31.58	5
600719	TOP-T PG 48	PG 48	39.0 – 48.0	66	10.0	57.0	37.00	5

Cable fittings and accessories

Metal fitting TOP-TR



Properties

- Cable fitting with hexagon base
- Strain relief
- Gasket and O-Ring
- With reduced sealing insert

Technical data

Protection class IP 68 to 5 bar

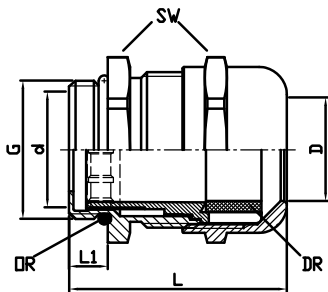
Design

- Material Brass nickel-plated
- Gasket Neoprene
- O-ring (OR) Perbunan®

Part-No.	Type	G	Clamping range D mm	SW mm	L 1 mm	L mm	weight approx. kg/100 piece	PU piece
TOP-TR metric								
600705	TOP-TR M 12 × 1.5	M 12	2.0 – 5.0	14	5.0	25.0	1.07	100
600780	TOP-TR M 16 × 1.5	M 16	3.0 – 8.0	17	5.5	28.0	1.50	100
600781	TOP-TR M 20 × 1.5	M 20	6.0 – 12.0	22	6.0	31.0	2.73	50
600782	TOP-TR M 25 × 1.5	M 25	8.0 – 15.0	30	7.0	36.0	5.55	25
600783	TOP-TR M 32 × 1.5	M 32	13.0 – 19.0	34	8.0	39.0	7.40	10
600706	TOP-TR M 40 × 1.5	M 40	16.0 – 23.0	44	8.0	45.0	16.72	10
600707	TOP-TR M 50 × 1.5	M 50	21.0 – 29.0	55	9.0	54.0	27.95	5
600708	TOP-TR M 63 × 1.5	M 63	27.0 – 38.0	66	10.0	57.0	34.48	5
TOP-TR PG								
600730	TOP-TR PG 7	PG 7	2.0 – 5.0	14	5.0	25.0	1.15	100
600731	TOP-TR PG 9	PG 9	3.0 – 8.0	17	6.0	28.0	1.53	100
600732	TOP-TR PG 11	PG 11	3.0 – 8.0	20	6.0	28.5	3.20	50
600733	TOP-TR PG 13.5	PG 13.5	6.0 – 12.0	22	6.5	31.0	2.94	50
600734	TOP-TR PG 16	PG 16	6.0 – 12.0	24	6.5	32.0	3.42	50
600735	TOP-TR PG 21	PG 21	8.0 – 15.0	30	7.0	36.0	6.45	25
600736	TOP-TR PG 29	PG 29	12.0 – 18.0	40	8.0	46.0	11.50	25
600737	TOP-TR PG 36	PG 36	21.0 – 29.0	50	9.0	55.0	20.42	10
600738	TOP-TR PG 42	PG 42	21.0 – 29.0	57	10.0	55.0	32.38	5
600739	TOP-TR PG 48	PG 48	27.0 – 38.0	66	10.0	57.0	37.50	5

Cable fittings and accessories

Metal fitting with shield termination TOP-T-S-EMV



Properties

- Cable fitting with hexagon base
- Strain relief
- Gasket
- O-Ring and EMC compliant shield termination
- Simple installation - the shield braiding with plastic insert is pressed against fitting base

Technical data

Protection class IP 68 to 5 bar

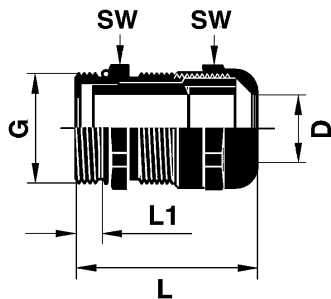
Design

- Material Brass nickel-plated
- Gasket Neoprene
- O-ring (OR) Perbunan®

Part-No.	Type	G	Clamping range D mm	SW mm	L 1 mm	d mm	weight approx. kg/100 piece	PU piece
TOP-T-S-EMV metric								
600170	TOP-T-S-EMV M 12 × 1.5	M 12	3.0 – 6.5	14	5.0	5.2	1.21	100
600171	TOP-T-S-EMV M 16 × 1.5	M 16	5.5 – 10.0	17	5.5	8.2	1.67	100
600172	TOP-T-S-EMV M 20 × 1.5	M 20	8.0 – 13.0	22	6.0	11.5	2.88	100
600173	TOP-T-S-EMV M 25 × 1.5	M 25	11.0 – 18.0	30	7.0	15.2	6.03	25
600174	TOP-T-S-EMV M 32 × 1.5	M 32	15.0 – 21.0	34	8.0	18.0	7.86	25
600175	TOP-T-S-EMV M 40 × 1.5	M 40	19.0 – 27.0	44	8.0	23.0	17.57	10
600176	TOP-T-S-EMV M 50 × 1.5	M 50	26.0 – 35.0	55	9.0	31.0	28.82	5
600177	TOP-T-S-EMV M 63 × 1.5	M 63	39.0 – 48.0	66	10.0	31.0	35.88	5
600163	TOP-T-S-EMV M 25 × 1.5	M 25	8.0 – 14.0	30	7.0	15.2	6.03	25
TOP-T-S-EMV PG								
600520	TOP-T-S-EMV PG 7	PG 7	3.0 – 6.5	14	5.0	5.0	1.20	100
600521	TOP-T-S-EMV PG 9	PG 9	5.5 – 10.0	17	6.0	7.5	1.70	100
600522	TOP-T-S-EMV PG 11	PG 11	5.5 – 10.0	20	6.0	9.5	3.37	50
600523	TOP-T-S-EMV PG 13.5	PG 13.5	8.0 – 13.0	22	6.5	11.5	3.52	50
600524	TOP-T-S-EMV PG 16	PG 16	8.0 – 14.0	24	6.5	12.0	3.64	50
600525	TOP-T-S-EMV PG 21	PG 21	11.0 – 18.0	30	7.0	17.5	7.10	25
600526	TOP-T-S-EMV PG 29	PG 29	19.0 – 27.0	40	8.0	25.0	12.20	25
600527	TOP-T-S-EMV PG 36	PG 36	24.0 – 32.0	50	9.0	31.5	15.10	10
600528	TOP-T-S-EMV PG 42	PG 42	30.0 – 38.0	57	10.0	37.5	21.10	5
600529	TOP-T-S-EMV PG 48	PG 48	34.0 – 44.0	64	10.0	43.5	30.00	5

Cable fittings and accessories

Metal fittings TOP-M EExe



Application

- For explosion risk areas

Properties

- Ex cable fitting with hexagon base
- Strain relief and gasket

Technical data

Protection class IP 68 to 5 bar

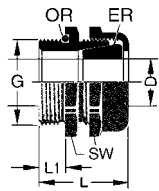
Design

- Material Brass nickle-plated for explosion risk areas according to EN 50014
- Gasket Neoprene
- O-ring (OR) Perbunan®

Part-No.	Type	G	Clamping range D mm	SW mm	L 1 mm	weight approx. kg/100 piece	PU piece
TOP-M EExe metric							
600920	TOP-M EExe M 12 × 1.5	M 12	3.0 – 6.5	14	5.0	1.20	100
600921	TOP-M EExe M 16 × 1.5	M 16	5.0 – 9.0	17	5.0	1.64	100
600922	TOP-M EExe M 20 × 1.5	M 20	6.0 – 12.0	22	6.0	3.14	100
600923	TOP-M EExe M 25 × 1.5	M 25	11.0 – 16.0	27	7.0	4.26	50
600924	TOP-M EExe M 32 × 1.5	M 32	14.0 – 21.0	34	8.0	7.16	25
600925	TOP-M EExe M 40 × 1.5	M 40	19.0 – 27.0	43	8.0	12.24	10
600926	TOP-M EExe M 50 × 1.5	M 50	24.0 – 35.0	55	9.0	22.70	5
600927	TOP-M EExe M 63 × 1.5	M 63	32.0 – 42.0	65	5.0	31.50	5
TOP-M EExe PG							
600910	TOP-M EExe PG 7	PG 7	3.0 – 6.5	14	5.0	1.17	100
600911	TOP-M EExe PG 9	PG 9	4.0 – 8.0	17	6.0	1.77	100
600912	TOP-M EExe PG 11	PG 11	5.0 – 10.0	20	6.0	2.45	50
600913	TOP-M EExe PG 13.5	PG 13.5	6.0 – 12.0	22	6.5	2.82	50
600914	TOP-M EExe PG 16	PG 16	10.0 – 14.0	24	6.5	3.14	50
600915	TOP-M EExe PG 21	PG 21	13.0 – 18.0	30	7.0	5.40	50
600916	TOP-M EExe PG 29	PG 29	18.0 – 25.0	40	8.0	9.85	25
600917	TOP-M EExe PG 36	PG 36	24.0 – 32.0	50	9.0	15.60	10
600918	TOP-M EExe PG 42	PG 42	30.0 – 38.0	57	10.0	20.70	5
600919	TOP-M EExe PG 48	PG 48	34.0 – 44.0	64	10.0	29.70	5

Cable fittings and accessories

Metal fittings WD



Properties

- Compact design
- Compact fitting with hexagon base
- Strain relief
- Clamp ring and O-Ring

Technical data

Protection class IP 68

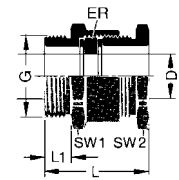
Design

- Material Brass nickel-plated
- Clamp ring (ER) Neoprene
- O-ring (OR) Perbunan®
- Low profile

Part-No.	Type	G	Clamping range D mm	SW mm	L mm	L 1 mm	weight approx. kg/100 piece	PU piece
WD metric								
601050	WD M 12 × 1.5	M 12	3.5 – 6.0	17	20.0	6.0	1.50	100
601051	WD M 16 × 1.5	M 16	5.0 – 9.0	21	20.0	6.0	2.21	100
601052	WD M 20 × 1.5	M 20	9.0 – 13.0	24	26.0	6.5	3.40	100
601053	WD M 25 × 1.5	M 25	13.0 – 17.0	32	33.0	8.0	7.20	50
601054	WD M 32 × 1.5	M 32	16.0 – 23.0	40	38.0	8.0	12.80	25
WD PG								
600100	WD PG 7	PG 7	4.0 – 6.0	17	20.0	6.0	1.48	100
600101	WD PG 9	PG 9	6.0 – 9.0	17	20.0	6.0	1.52	100
600102	WD PG 11	PG 11	7.0 – 12.0	21	23.0	6.5	2.32	100
600103	WD PG 13.5	PG 13.5	8.0 – 13.0	24	24.0	6.5	2.98	100
600104	WD PG 16	PG 16	10.0 – 15.0	24	26.0	6.5	3.36	100
600105	WD PG 21	PG 21	12.0 – 19.0	32	33.0	8.0	7.90	50
600106	WD PG 29	PG 29	16.0 – 27.0	40	38.0	8.0	12.28	25

Cable fittings and accessories

Metal fitting 6KM



Properties

- Fitting according to DIN 46320 with hexagon base and clamp ring.

Technical data

Protection class IP 55

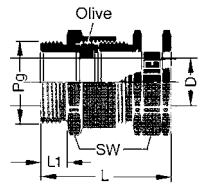
Design

- Material Brass nickel-plated
- Clamp ring (ER) Neoprene

Part-No.	Type	G	Clamping range D mm	SW 1 = across flats mm	SW 2 = across flats mm	L mm	L 1 mm	weight approx. kg/100 piece	PU piece
6KM metric									
601080	6KM M 12 × 1.5	M 12	5.0 – 7.0	14	13	20.0	5.0	1.00	100
601081	6KM M 16 × 1.5	M 16	4.0 – 10.0	17	15	22.0	6.0	1.50	100
601082	6KM M 20 × 1.5	M 20	6.5 – 12.0	20	18	23.0	6.0	2.40	50
601083	6KM M 20 × 1.5	M 20	6.5 – 12.5	22	20	25.0	6.5	2.60	50
601084	6KM M 20 × 1.5	M 20	6.5 – 15.0	24	22	27.0	6.5	3.10	50
601085	6KM M 25 × 1.5	M 25	9.0 – 19.0	30	28	30.0	7.0	4.90	50
601086	6KM M 32 × 1.5	M 32	17.0 – 27.0	40	37	32.0	8.0	8.80	25
601087	6KM M 40 × 1.5	M 40	23.0 – 33.0	50	47	38.0	9.0	14.40	10
601088	6KM M 50 × 1.5	M 50	29.0 – 39.0	57	54	42.0	10.0	19.80	5
601089	6KM M 63 × 1.5	M 63	35.0 – 45.0	64	60	45.0	10.0	24.00	5
6KM PG									
600050	6KM PG 7	PG 7	4.0 – 6.0	14	13	20.0	5.0	0.82	100
600051	6KM PG 9	PG 9	8.0 – 10.0	17	15	22.0	6.0	1.30	100
600052	6KM PG 11	PG 11	8.0 – 10.0	20	18	23.0	6.0	1.91	50
600053	6KM PG 13.5	PG 13.5	10.0 – 12.0	22	20	25.0	6.5	2.60	100
600054	6KM PG 16	PG 16	8.0 – 14.0	24	22	27.0	6.5	2.96	50
600055	6KM PG 21	PG 21	17.0 – 19.0	30	28	30.0	7.0	4.64	50
600056	6KM PG 29	PG 29	26.0 – 28.0	40	37	32.0	8.0	8.80	50
600057	6KM PG 36	PG 36	33.0 – 35.0	50	47	38.0	9.0	13.40	20
600058	6KM PG 42	PG 42	39.0 – 41.0	57	54	42.0	10.0	18.90	5
600059	6KM PG 48	PG 48	43.0 – 45.0	64	60	45.0	10.0	23.48	10

Cable fittings and accessories

Metal fittings ZEV



Properties

- Fitting according to DIN 46320 with hexagon base and clamp ring
- Clamping buckle included as loose part

Technical data

Protection class IP 55

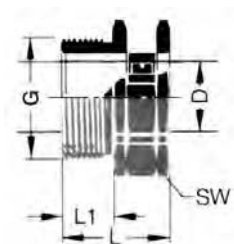
Design

- Material Brass nickel-plated
- Clamp ring (ER) Neoprene

Part-No.	Type	G	Clamping range D mm	SW mm	L mm	L 1 mm	weight approx. kg/100 piece	PU piece
ZEV metric								
600020	ZEV M 16	M 16	6.0 – 10.0	17	28.0	5.5	2.70	50
600021	ZEV M 20	M 20	10.0 – 15.0	24	32.0	6.5	5.00	50
600022	ZEV M 25	M 25	13.0 – 20.0	30	35.0	7.0	7.50	25
600023	ZEV M 32	M 32	18.0 – 27.0	40	38.0	8.5	14.96	25
ZEV PG								
600001	ZEV PG 9	PG 9	6.0 – 9.0	17	28.0	5.5	2.50	50
600002	ZEV PG 11	PG 11	8.0 – 12.0	20	30.0	6.0	3.64	50
600003	ZEV PG 13.5	PG 13.5	10.0 – 14.0	22	31.0	6.5	4.40	50
600004	ZEV PG 16	PG 16	10.0 – 16.0	24	32.0	6.5	5.13	50
600005	ZEV PG21	PG 21	14.0 – 21.0	30	35.0	7.0	7.70	25
600006	ZEV PG 29	PG 29	20.0 – 30.0	40	38.0	8.5	14.44	25

Cable fittings and accessories

Metal fittings ZED



Properties

- Pressure relief pressure screw
- Clamping buckle included as loose part

Technical data

Protection class IP 55

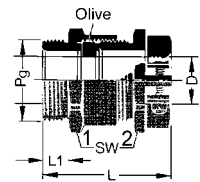
Design

- Material Brass nickel-plated

Part-No.	Type	G	Clamping range D mm	SW mm	L mm	L 1 mm	weight approx. kg/100 piece	PU piece
ZED PG								
600011	ZED PG 9	PG 9	5.8 – 10.0	17	17.0	5.0	1.60	100
600012	ZED PG 11	PG 11	8.0 – 12.0	20	18.5	6.5	2.40	50
600013	ZED PG 13	PG 13	10.0 – 14.0	22	24.0	7.5	2.80	50
600014	ZED PG 16	PG 16	11.7 – 16.0	24	19.0	6.0	3.20	50
600015	ZED PG 21	PG 21	12.1 – 21.0	30	20.0	7.0	5.00	25
600016	ZED PG 29	PG 29	20.1 – 30.0	40	23.0	8.0	8.00	10

Cable fittings and accessories

Metal fitting ZEV2



Properties

- Centring strain relief fitting with hexagon base and clamp ring
- Clamping buckle included as loose part

Technical data

Protection class IP 55

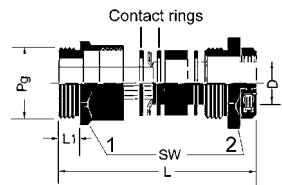
Design

- Material Brass nickel-plated
- Clamp ring (ER) Neoprene

Part-No.	Type	G	Clamping range D mm	SW 1 = across flats mm	SW 2 = across flats mm	L mm	L 1 mm	weight approx. kg/100 piece	PU piece
ZEV2 metric									
600290	ZEV2 M 12	M 12	5.0 – 8.0	9	16	26.0	5.0	1.30	50
600291	ZEV2 M 16	M 16	7.0 – 10.0	17	19	26.0	6.0	2.80	50
600292	ZEV2 M 20	M 20	11.0 – 15.0	24	27	35.0	6.5	5.60	50
600293	ZEV2 M 25	M 25	12.0 – 20.0	30	34	37.0	7.0	13.10	25
600294	ZEV2 M 32	M 32	19.0 – 27.0	40	42	39.0	8.0	16.40	25
600295	ZEV2 M 40	M 40	25.5 – 34.0	55	55	50.0	9.0	22.00	10
600296	ZEV2 M 50	M 50	31.0 – 43.0	60	62	54.0	10.0	26.50	5
600297	ZEV2 M 63	M 63	35.0 – 48.0	64	64	54.0	10.0	35.50	5
ZEV2 PG									
600089	ZEV2 PG 7	PG 7	5.0 – 8.0	9	16	26.0	5.0	1.85	50
600080	ZEV2 PG 9	PG 9	7.0 – 10.0	17	19	26.0	6.0	2.28	50
600081	ZEV2 PG 11	PG 11	7.5 – 12.0	20	22	28.0	6.0	4.20	50
600082	ZEV2 PG 13.5	PG 13.5	7.5 – 12.0	22	24	32.0	6.5	4.90	50
600083	ZEV2 PG 16	PG 16	11.0 – 15.0	24	27	35.0	6.5	5.74	50
600084	ZEV2 PG 21	PG 21	12.0 – 20.0	30	34	37.0	7.0	9.30	25
600085	ZEV2 PG 29	PG 29	19.0 – 27.0	40	42	39.0	8.0	15.35	25
600086	ZEV2 PG 36	PG 36	26.5 – 34.0	55	55	50.0	9.0	26.60	10
600087	ZEV2 PG 42	PG 42	31.0 – 42.0	60	62	54.0	10.0	34.85	5
600088	ZEV2 PG 48	PG 48	35.0 – 48.0	64	64	54.0	10.0	42.40	5

Cable fittings and accessories

Metal fitting with shield termination ZEV2-S



Properties

- Centring strain relief fitting with hexagon base
- Gasket and shield termination
- Pressure screw with two clamping buckles

Technical data

Protection class IP 55

Design

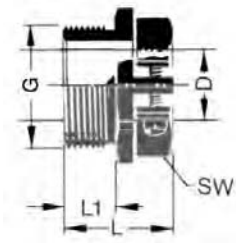
- Material Brass nickel-plated
- Gasket Neoprene
- Contact ring (KR) Brass tins

Part-No.	Type	G	Clamping range D mm	SW 1 = across flats mm	SW 2 = across flats mm	L mm	L 1 mm	K inner mm	weight approx. kg/100 piece	PU piece
ZEV2-S metric										
600611	ZEV2-S M 20	M 20	11.0 – 15.0	24	27	35.0	6.0	15	5.10	50
600612	ZEV2-S M 25	M 25	12.0 – 20.0	30	34	37.0	7.0	13	8.00	25
600613	ZEV2-S M 32	M 32	19.0 – 27.0	40	42	39.0	8.0	27	14.10	25
600614	ZEV2-S M 40	M 40	25.5 – 34.0	50	52	50.0	8.0	33	29.00	10
600615	ZEV2-S M 50	M 50	31.0 – 43.0	57	59	54.0	9.0	39	35.00	5
600616	ZEV2-S M 63	M 63	35.0 – 48.0	66	64	54.0	10.0	45	42.60	5
ZEV2-S PG										
600800	ZEV2-S PG 11	PG 11	7.0 – 12.0	20	22	28.0	6.0	10	4.12	50
600801	ZEV2-S PG 13.5	PG 13.5	7.0 – 12.0	22	24	32.0	6.5	10	5.13	50
600802	ZEV2-S PG 16	PG 16	7.0 – 15.0	24	27	35.0	6.5	10	5.80	50
600803	ZEV2-S PG 16	PG 16	7.0 – 15.0	24	27	35.0	6.5	15	5.60	50
600804	ZEV2-S PG 21	PG 21	10.0 – 19.0	30	34	37.0	7.0	13	9.60	25
600805	ZEV2-S PG 21	PG 21	10.0 – 19.0	30	34	37.0	7.0	19	9.40	25
600806	ZEV2-S PG 29	PG 29	18.0 – 27.0	40	42	39.0	8.0	21	15.70	25
600807	ZEV2-S PG 29	PG 29	18.0 – 27.0	40	42	39.0	8.0	27	15.40	25
600808	ZEV2-S PG 36	PG 36	24.0 – 33.0	55	55	50.0	9.0	33	27.50	10
600809	ZEV2-S PG 42	PG 42	30.0 – 39.0	60	62	54.0	10.0	39	37.50	10
600799	ZEV2-S PG 48	PG 48	36.0 – 45.0	65	68	54.0	10.0	45	46.60	5

Contact ring inner diameter in mm = K

Cable fittings and accessories

Metal fitting ZED2



Properties

- Centring pressure relief pressure screw
- Pressure screw with two clamping buckles

Technical data

Protection class IP 55

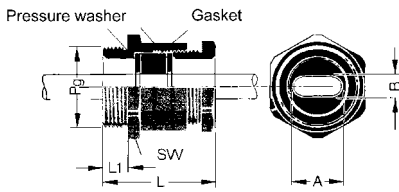
Design

- Material Brass nickel-plated

Part-No.	Type	G	Clamping range D mm	SW mm	L mm	L 1 mm	weight approx. kg/100 piece	PU piece
ZED2 PG								
600028	ZED2 PG 7	PG 7	5.0 – 8.0	16	15.0	5.0	1.31	100
600060	ZED2 PG 9	PG 9	7.0 – 10.0	19	16.0	6.0	1.84	100
600061	ZED2 PG 11	PG 11	7.0 – 12.0	22	17.5	6.0	2.75	50
600062	ZED2 PG 13.5	PG 13.5	7.0 – 12.0	24	17.8	6.5	3.45	50
600063	ZED2 PG 16	PG 16	11.0 – 15.0	27	18.3	6.5	3.67	50
600064	ZED2 PG 21	PG 21	12.0 – 20.0	34	20.8	7.0	6.24	25
600065	ZED2 PG 29	PG 29	19.0 – 27.0	42	21.8	8.0	9.20	20
600066	ZED2 PG 36	PG 36	25.5 – 34.0	55	25.3	9.0	29.00	10
600067	ZED2 PG 42	PG 42	31.0 – 43.0	62	26.3	10.0	22.00	10

Cable fittings and accessories

Metal fitting FKV



Properties

- Flat cable fitting with special seal and two pressure disks.

Technical data

Protection class IP 55

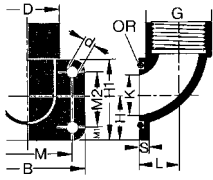
Design

- Material Brass nickel-plated
- Gasket Neoprene

Part-No.	Type	G	A mm	B mm	SW mm	L mm	L 1 mm	Gasket	Pressure disk	weight approx. kg/100 piece	PU piece
FKV PG											
600741	FKV PG 16	PG 16	15.0	5.0	24	26.0	6.5	5.0 × 15	6.0 × 16	3.05	1
600742	FKV PG 21	PG 21	18.0	6.0	30	29.0	6.5	6.0 × 18	8.5 × 20	4.80	1
600748	FKV PG 21	PG 21	19.0	7.5	30	30.0	7.0	7.5 × 19	8.5 × 20	4.85	1
600743	FKV PG 29	PG 29	28.0	6.0	40	33.0	8.0	6.0 × 28	8.0 × 30	9.65	1
600749	FKV PG 29	PG 29	22.0	8.0	40	33.0	8.0	8.0 × 22	10.0 × 24	9.60	1
600744	FKV PG 36	PG 36	35.0	6.0	50	33.0	8.0	6.0 × 35	8.0 × 38	16.75	1
600751	FKV PG 36	PG 36	32.0	6.0	50	37.0	9.0	6.0 × 32	8.0 × 34	16.70	1
600753	FKV PG 36	PG 36	37.0	12.5	50	39.0	9.0	12.5 × 37	14.5 × 38	15.15	1
600752	FKV PG 36	PG 36	38.0	7.0	50	38.0	9.0	7.0 × 38	9.0 × 40	16.50	1
600745	FKV PG 42	PG 42	41.0	13.5	58	38.0	9.0	13.5 × 41	14.5 × 41	24.00	1
600746	FKV PG 48	PG 48	44.0	14.0	65	44.0	10.0	14.0 × 44	16.0 × 46	33.25	1

Cable fittings and accessories

Metal flange elbow FW Form 1 after PG 16



Properties

- Flange elbow, waterproof
- O-Ring seal

Technical data

Protection class IP 65
Flange connection plate 46×32 mm (H1×B)

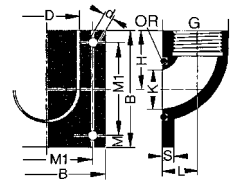
Design

- Material Zinc die-casting
- O-ring (OR) Neoprene

Part-No.	Type	G	D mm	K mm	H mm	L mm	S mm	M mm	M1 mm	M2 mm	d mm	weight approx. kg/100 piece	PU piece
FW PG Form 1													
270089	FW PG 11	PG 11	26.0	16.0	18.0	15.0	3.0	36	5.0	22.0	4.5	12.00	1
270090	FW PG 13.5	PG 13.5	26.0	16.0	18.0	15.0	3.0	36	5.0	22.0	4.5	13.00	1
270091	FW PG 16	PG 16	26.0	16.0	18.0	15.0	3.0	36	5.0	22.0	4.5	14.00	1

Cable fittings and accessories

Metal flange elbow FW Form 2 after PG 21



Properties

- Flange elbow, waterproof
- O-Ring seal

Technical data

Protection class IP 65

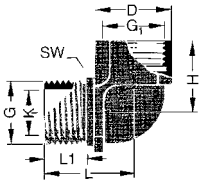
Design

- Material Aluminium chill casting
- O-ring (OR) Neoprene

Part-No.	Type	G	D mm	K mm	B mm	H mm	L mm	S mm	M mm	M1 mm	d mm	weight approx. kg/100 piece	PU piece
FW metric Form 2													
270194	FW M 32	M 32	37.0	23.0	70.0	35.0	21.0	7.0	7,5	55.0	5.5	16.00	1
270195	FW M 40	M 40	46.0	32.0	80.0	40.0	26.0	7.0	7,5	65.0	5.5	25.00	1
270196	FW M 50	M 50	63.0	46.0	100.0	50.0	37.0	9.0	7,5	85.0	6.5	46.00	1
270197	FW M 63	M 63	68.0	54.0	110.0	55.0	39.0	9.0	11,5	87.0	6.5	70.00	1
FW PG Form 2													
270092	FW PG 21	PG 21	37.0	23.0	70.0	35.0	21.0	7.0	7,5	55.0	5.5	16.00	1
270093	FW PG 29	PG 29	46.0	32.0	80.0	40.0	26.0	7.0	7,5	65.0	5.5	25.00	1
270094	FW PG 36	PG 36	56.0	42.0	95.0	47.5	32.0	9.0	7,5	80.0	5.5	46.00	1
270095	FW PG 42	PG 42	63.0	48.0	100.0	50.0	36.0	9.0	7,5	85.0	6.5	55.00	1
270096	FW PG 48	PG 48	68.0	54.0	110.0	55.0	39.0	9.0	11,5	87.0	6.5	70.00	1

Cable fittings and accessories

Metal connection elbow AW



Properties

- Elbow fitting, waterproof

Technical data

Protection class IP 55

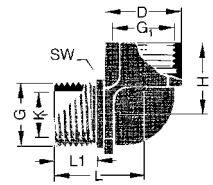
Design

- Material Zinc die-casting

Part-No.	Type	G	G1	D mm	K mm	SW mm	L mm	L 1 mm	H mm	weight approx. kg/100 piece	PU piece
AW PG											
600241	AW PG 9	PG 9	PG 9	19.0	10.0	19	23.0	11.0	21.0	3.18	50
600242	AW PG 9/11	PG 9	PG 11	22.0	10.0	22	25.0	11.0	21.5	4.00	50
600243	AW PG 11	PG 11	PG 11	22.0	13.0	22	25.0	12.0	21.5	4.05	50
600244	AW PG 11/16	PG 11	PG 16	27.0	13.0	27	28.5	12.0	16.3	7.00	50
600245	AW PG 13.5	PG 13.5	PG 13.5	24.0	14.0	24	27.0	12.0	24.0	5.26	50
600246	AW PG 16	PG 16	PG 16	27.0	17.0	27	29.5	13.0	25.0	6.60	50
600248	AW PG 21	PG 21	PG 21	32.0	22.0	32	34.5	15.0	30.0	9.80	25
600249	AW PG 29	PG 29	PG 29	41.0	29.0	41	38.5	15.0	34.5	1.67	1

Cable fittings and accessories

Metal connection elbow AWK



Properties

- Elbow fitting, waterproof
- Direction of reduction continuously adjustable

Technical data

Protection class IP 65

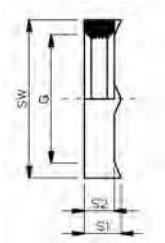
Design

- Material Zinc die-casting
- O-ring (OR) Perbunan®
- Locking nut Brass

Part-No.	Type	G	D mm	K mm	SW mm	SW 1 = across flats mm	L mm	L 4 mm	H mm	weight approx. kg/100 piece	PU piece
AWK PG											
600261	AWK PG 9	PG 9	19.0	10.0	19	19	23.0	7	21.0	3.66	50
600263	AWK PG 11	PG 11	22.0	13.0	22	22	25.0	8	21.5	4.48	50
600265	AWK PG 13.5	PG 13.5	24.0	14.0	24	24	27.0	7	24.0	5.74	50
600266	AWK PG 16	PG 16	27.0	17.0	27	27	29.5	8	25.0	7.20	50
600268	AWK PG 21	PG 21	32.0	22.0	32	32	34.5	9	30.0	12.20	50
600269	AWK PG 29	PG 29	41.0	29.0	41	41	38.5	9	34.5	18.00	1

Cable fittings and accessories

Metal accessory GMS EMV



Properties

- Hexagonal nut for potential equalisation
- With cutting edges for cutting through layers of paint or power coating for optimal contact

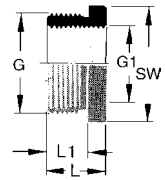
Design

- Material Brass nickel-plated

Part-No.	Type	G	SW mm	S1 mm	S2 mm	weight approx. kg/100 piece	PU piece
GMS EMV metric							
600460	GMS EMV M 12 × 1.5	M 12	15	4.5	3.5	0.26	100
600461	GMS EMV M 16 × 1.5	M 16	19	4.5	3.5	0.37	100
600462	GMS EMV M 20 × 1.5	M 20	24	5.5	4.5	0.65	100
600463	GMS EMV M 25 × 1.5	M 25	30	5.5	4.5	1.06	50
600464	GMS EMV M 32 × 1.5	M 32	36	5.5	4.5	1.35	100
600465	GMS EMV M 40 × 1.5	M 40	46	6.0	5.0	2.85	50
600466	GMS EMV M 50 × 1.5	M 50	60	6.0	5.0	5.46	50
600467	GMS EMV M 63 × 1.5	M 63	70	7.0	6.0	5.92	10
GMS EMV PG							
600530	GMS EMV PG 7	PG 7	15	4.7	3.7	0.25	100
600531	GMS EMV PG 9	PG 9	18	4.7	3.7	0.33	100
600532	GMS EMV PG 11	PG 11	21	4.7	3.7	0.38	100
600533	GMS EMV PG 13.5	PG 13.5	23	4.7	3.7	0.45	100
600534	GMS EMV PG 16	PG 16	26	4.7	3.7	0.63	100
600535	GMS EMV PG 21	PG 21	32	5.2	4.2	0.98	50
600536	GMS EMV PG 29	PG 29	41	5.7	4.7	1.58	50
600537	GMS EMV PG 36	PG 36	51	6.5	5.5	2.58	50
600538	GMS EMV PG 42	PG 42	60	6.0	5.0	3.12	50
600539	GMS EMC PG 48	PG 48	64	6.5	5.5	3.74	50

Cable fittings and accessories

Metal accessory RR metric to PG



Properties

- Reducing ring from **metric to metric**
- Or **PG to PG** with large outer threads and small inner threads

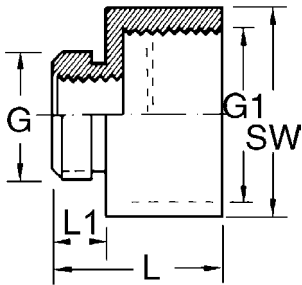
Design

- Material Brass nickel-plated

Part-No.	Type	G	G1	SW mm	L mm	L 1 mm	weight approx. kg/100 piece	PU piece
RR metric metric/metric								
600220	RR M 16/M 12	M 16	M 12	18	8.5	6.0	0.64	100
600221	RR M 20/M 12	M 20	M 12	24	9.0	6.5	1.57	100
600222	RR M 20/M 16	M 20	M 16	24	9.0	6.5	0.95	100
600223	RR M 25/M 16	M 25	M 16	28	10.0	7.0	2.70	100
600224	RR M 25/M 20	M 25	M 20	28	10.0	7.0	1.81	100
600225	RR M 32/M 20	M 32	M 20	34	11.5	8.0	4.62	50
600226	RR M 32/M 25	M 32	M 25	34	11.5	8.0	3.00	50
600227	RR M 40/M 25	M 40	M 25	45	11.5	8.0	7.60	25
600228	RR M 40/M 32	M 40	M 32	45	11.5	8.0	4.50	50
600229	RR M 50/M 32	M 50	M 32	55	14.0	10.0	13.00	10
600230	RR M 50/M 40	M 50	M 40	55	14.0	10.0	7.50	10
600231	RR M 63/M 40	M 63	M 40	64	14.0	10.0	21.50	5
600232	RR M 63/M 50	M 63	M 50	64	14.0	10.0	12.50	10
RR PG PG/PG								
600400	RR PG 9/PG 7	PG 9	PG 7	17	8.5	6.0	0.45	100
600411	RR PG 11/PG 7	PG 11	PG 7	20	8.5	6.0	1.20	100
600401	RR PG 11/PG 9	PG 11	PG 9	20	8.5	6.0	0.65	100
600408	RR PG 13.5/PG 9	PG 13.5	PG 9	22	9.0	6.5	1.01	100
600402	RR PG 13.5/PG 11	PG 13.5	PG 11	22	9.0	6.5	0.47	100
600409	RR PG 16/PG 9	PG 16	PG 9	24	9.5	6.5	0.85	100
600410	RR PG 16/PG 11	PG 16	PG 11	24	9.5	6.5	1.01	100
600403	RR PG 16/PG 13.5	PG 16	PG 13.5	24	9.5	6.5	0.59	100
600413	RR PG 21/PG 11	PG 21	PG 11	30	10.0	7.0	2.90	50
600414	RR PG 21/PG 13.5	PG 21	PG 13.5	30	10.0	7.0	1.23	50
600404	RR PG 21/PG 16	PG 21	PG 16	30	10.0	7.0	1.95	50
600407	RR PG 29/PG 16	PG 29	PG 16	39	11.5	8.0	6.42	50
600405	RR PG 29/PG 21	PG 29	PG 21	39	11.5	8.0	4.34	50
600412	RR PG 36/PG 21	PG 36	PG 21	50	21.5	9.0	11.40	25
600406	RR PG 36/PG 29	PG 36	PG 29	50	12.5	9.0	3.42	25
600416	RR PG 42/PG 36	PG 42	PG 36	57	14.0	10.0	7.00	10
600417	RR PG 48/PG 36	PG 48	PG 36	64	14.0	10.0	12.80	25
600415	RR PG 48/PG 42	PG 48	PG 42	64	14.0	10.0	6.40	10

Cable fittings and accessories

Metal accessory EW



Properties

- Expansion from **metric to metric**
- Or **PG to PG** with small outer thread and large inner thread

Design

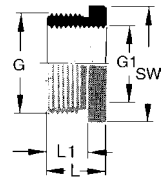
- Material Brass nickel-plated

Part-No.	Type	G	G1	SW mm	L mm	L 1 mm	d1 mm	weight ap- prox. kg/100 piece	PU piece
EW metric metric/metric									
600280	EW M 12/M 16	M 12	M 16	18	18.0	9.0	8.0	0.93	100
600281	EW M 16/M 20	M 16/20	M 12	22	33.0	10.0	12.0	1.39	100
600282	EW M 20/M 25	M 20	M 25	27	17.5	6.0	15.0	2.14	100
600283	EW M 25/M 32	M 25	M 32	34	19.5	7.0	20.0	3.10	100
600284	EW M 32/M 40	M 32	M 40	42	22.5	8.0	26.0	13.00	50
600285	EW M 40/M 50	M 40	M 50	52	27.5	8.0	34.0	16.30	50
600286	EW M 50/M 63	M 50	M 63	65	31.0	9.0	44.0	12.15	25
EW PG PG/PG									
600500	EW PG 7/PG 9	PG 7	PG 9	17	15.0	3.0	10.0	0.68	100
600501	EW PG 9/PG 11	PG 9	PG 11	20	16.5	6.0	12.0	0.84	100
600502	EW PG 11/PG 13.5	PG 9	PG 13.5	22	17.5	6.0	12.0	1.02	100
600503	EW PG 11/PG 13.5	PG 11	PG 13.5	22	17.5	6.0	15.0	1.18	100
600504	EW PG 11/PG 16	PG 11	PG 16	24	18.5	6.0	15.0	1.30	100
600506	EW PG 13.5/PG 16	PG 13.5	PG 16	24	19.0	6.5	17.0	1.34	100
600507	EW PG 13.5/PG 12	PG 13.5	PG 12	30	21.0	6.5	17.0	2.15	50
600508	EW PG 16/PG 21	PG 16	PG 21	30	21.0	6.5	18.5	2.44	50
600510	EW PG 21/PG 29	PG 21	PG 29	39	23.0	7.0	24.0	3.60	50
600511	EW PG 29/PG 36	PG 29	PG 36	50	27.5	8.0	32.0	7.44	50
600512	EW PG 36/PG 42	PG 36	PG 42	57	31.0	9.0	42.0	9.20	10
600513	EW PG 42/PG 48	PG 42	PG 48	64	33.0	10.0	48.0	14.40	10

d1 = smallest internal diameter

Cable fittings and accessories

Metal accessory RR



Properties

- Metric to PG
- Reducing ring with large metric outer thread and small PG inner thread

Design

- Material Brass nickel-plated

Part-No.	Type	G	G1	SW mm	L mm	L 1 mm	weight approx. kg/100 piece	PU piece
RR M/PG metric/PG								
601000	RR M 16/PG 7	M 16	PG 7	18	8.5	6.0	0.53	100
601001	RR M 20/PG 9	M 20	PG 9	24	8.5	6.0	1.06	50
601002	RR M 25/PG 11	M 25	PG 11	28	10.0	7.0	1.98	50
601003	RR M 25/PG 13	M 25	PG 13	28	10.0	7.0	1.51	50
601004	RR M 25/PG 16	M 25	PG 16	28	10.0	7.0	0.80	50
601005	RR M 32/PG 16	M 32	PG 16	34	11.5	8.0	3.82	25
601006	RR M 32/PG 21	M 32	PG 21	45	11.5	8.0	1.62	25
601007	RR M 40/PG 21	M 40	PG 21	45	11.5	8.0	6.55	25
601008	RR M 50/PG 29	M 50	PG 29	55	12.5	9.0	9.45	10
601010	RR M 63/PG 42	M 63	PG 42	68	14.0	10.0	8.70	5

Cable fittings and accessories

Metal accessory EW metric to PG

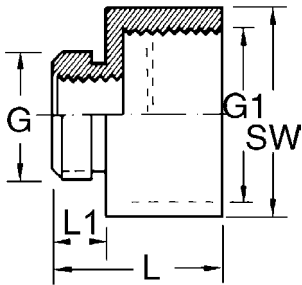


Properties

- Metric to PG
- Expansion with small metric outer thread and large PG inner thread

Design

- Material Brass nickel-plated

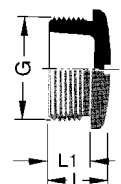


Part-No.	Type	G	G1	SW mm	L mm	L 1 mm	d1 mm	weight ap- prox. kg/100 piece	PU piece
EW M/PG metric/PG									
601021	EW M 12/PG 9	M 12	PG 9	17	15.0	5.0	8.2	0.82	100
601022	EW M 16/PG 11	M 16	PG 11	20	16.5	6.0	12.0	0.86	100
601023	EW M 20/PG 16	M 20	PG 16	24	19.0	6.5	15.0	1.55	100
601024	EW M 25/PG 21	M 25	PG 21	30	21.0	6.5	21.0	2.52	50
601025	EW M 32/PG 29	M 32	PG 29	39	23.0	7.0	27.5	4.24	50
601026	EW M 40/PG 36	M 40	PG 36	50	27.5	8.0	32.0	8.40	50
601027	EW M 50/PG 42	M 50	PG 42	57	31.0	9.0	44.0	14.90	25
601028	EW M 50/PG 48	M 50	PG 48	64	32.0	9.0	44.0	15.90	25

d1 = smallest internal diameter

Cable fittings and accessories

Metal accessory BLMS



Properties

- Blank plug according to DIN 46320

Design

- Material Brass nickel-plated

Part-No.	Type	G	L mm	L 1 mm	weight approx. kg/100 piece	PU piece
BLMS metric						
600090	BLMS M 12	M 12	8.0	5.0	0.38	100
600091	BLMS M 16	M 16	9.0	6.0	0.55	100
600092	BLMS M 20	M 20	9.5	6.5	0.91	100
600093	BLMS M 25	M 25	11.0	7.0	1.56	100
600094	BLMS M 32	M 32	12.0	8.0	2.50	50
600095	BLMS M 40	M 40	12.0	8.0	3.96	50
600096	BLMS M 50	M 50	15.0	9.0	7.90	25
600097	BLMS M 63	M 63	16.0	10.0	10.19	10
BLMS metr. with O ring						
600201	BLMS M 12	M 12	7.5	5.0	0.32	100
600202	BLMS M 16	M 16	8.0	5.0	0.82	100
600203	BLMS M 20	M 20	9.5	6.0	0.87	100
600204	BLMS M 25	M 25	11.0	7.0	1.57	100
600205	BLMS M 32	M 32	12.0	8.0	2.42	50
600206	BLMS M 40	M 40	13.0	8.0	3.90	50
600207	BLMS M 50	M 50	15.0	9.0	7.25	25
600208	BLMS M 63	M 63	16.0	10.0	12.03	10
BLMS PG						
600590	BLMS PG 7	PG 7	8.0	5.0	0.34	100
600591	BLMS PG 9	PG 9	9.0	6.0	0.53	100
600592	BLMS PG 11	PG 11	9.0	6.0	0.73	100
600593	BLMS PG 13.5	PG 13.5	9.5	6.5	0.86	100
600594	BLMS PG 16	PG 16	9.5	6.5	1.13	100
600595	BLMS PG 21	PG 21	11.0	7.0	2.06	50
600596	BLMS PG 29	PG 29	12.0	8.0	3.78	25
600597	BLMS PG 36	PG 36	15.0	9.0	8.10	25

Cable fittings and accessories

Plastic and metal accessories MFDE



Application

- For retroactive installation in our cable fittings Type Top T in plastic and brass, if necessary these are to be drilled yourself depending on needs
- PG 11 suitable for M 16
PG 13.5 suitable for M 20
PG 16 suitable for M 25
PG 21 suitable for M 32

Properties

- Multiple sealing insert for two or more cables in a fitting

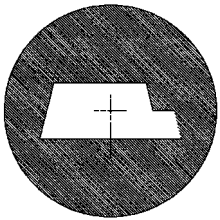
Design

- Material TPE

Part-No.	Type	Outer-Ø mm	Number of cables × Ø mm	weight approx. kg/100 piece	PU piece
MFDE PG					
600626	MFDE PG 9	10.0	2 × 3.0	0.57	100
600627	MFDE PG 9	10.0	4 × 3.0	0.46	100
600541	MFDE PG 9	10.0	0 × 0.0	0.70	100
600628	MFDE PG 11	13.0	2 × 4.0	1.00	100
600629	MFDE PG 11	13.0	2 × 4.5	0.80	100
600635	MFDE PG 11	13.0	3 × 4.0	0.10	100
600636	MFDE PG 11	13.0	3 × 5.0	0.70	100
600542	MFDE PG 11	13.0	0 × 0.0	0.11	100
600638	MFDE PG 13.5	15.0	2 × 4.5	1.32	100
600639	MFDE PG 13.5	15.0	2 × 5.0	1.20	100
600640	MFDE PG 13.5	15.0	2 × 6.0	1.20	100
600637	MFDE PG 13.5	15.0	3 × 4.0	1.40	100
600630	MFDE PG 13.5	15.0	3 × 5.0	1.20	100
600543	MFDE PG 13.5	15.0	0 × 0.0	1.60	100
600641	MFDE PG 16	17.0	2 × 4.0	2.00	100
600644	MFDE PG 16	17.0	2 × 6.0	1.78	100
600631	MFDE PG 16	17.0	3 × 4.0	1.92	100
600643	MFDE PG 16	17.0	3 × 5.0	1.60	100
600646	MFDE PG 16	17.0	4 × 6.0	1.20	100
600633	MFDE PG 16	17.0	5 × 4.0	1.62	100
600544	MFDE PG 16	17.0	0 × 0.0	2.30	100
600645	MFDE PG 16	17.0	3 × 6.0	1.00	100
600647	MFDE PG 16	17.0	3 × 6.5	1.20	100
600642	MFDE PG 16	17.0	4 × 4.0	1.73	100
600632	MFDE PG 16	17.0	4 × 5.0	1.20	100
600648	MFDE PG 21	22.0	2 × 7.0	3.60	100
600651	MFDE PG 21	22.0	2 × 8.0	3.20	100
600653	MFDE PG 21	22.0	2 × 9.0	3.20	100
600649	MFDE PG 21	22.0	3 × 7.0	3.00	100
600652	MFDE PG 21	22.0	3 × 8.0	2.65	100
600634	MFDE PG 21	22.0	4 × 7.0	2.60	100
600545	MFDE PG 21	22.0	0 × 0.0	5.60	100
600656	MFDE PG 29	29.5	5 × 8.5	6.00	100
600654	MFDE PG 29	29.5	6 × 5.0	7.70	100
600655	MFDE PG 29	29.5	8 × 5.0	7.40	100
600546	MFDE PG 29	29.5	0 × 0.0	9.80	100

Cable fittings and accessories

Plastic and metal accessories ASI DE



Application

- For retroactive installation of our cable fittings
- **Cable dimensions:** 4.0 mm × 10.0 mm +/- 0.2 mm
- **Suitable for installation with the following types:**
 - TOP TP PG 13.5
 - TOP TP M 20
 - TOP T PG 13.5
 - TOP T M 20

Properties

- Seal insert for ASI bus cables

Design

- Material TPE

Part-No.	Type	Outer- \varnothing mm	weight approx. kg/100 piece	PU piece
ASI DE				
600120	ASI DE PG 13.5	14.8	0.15	1