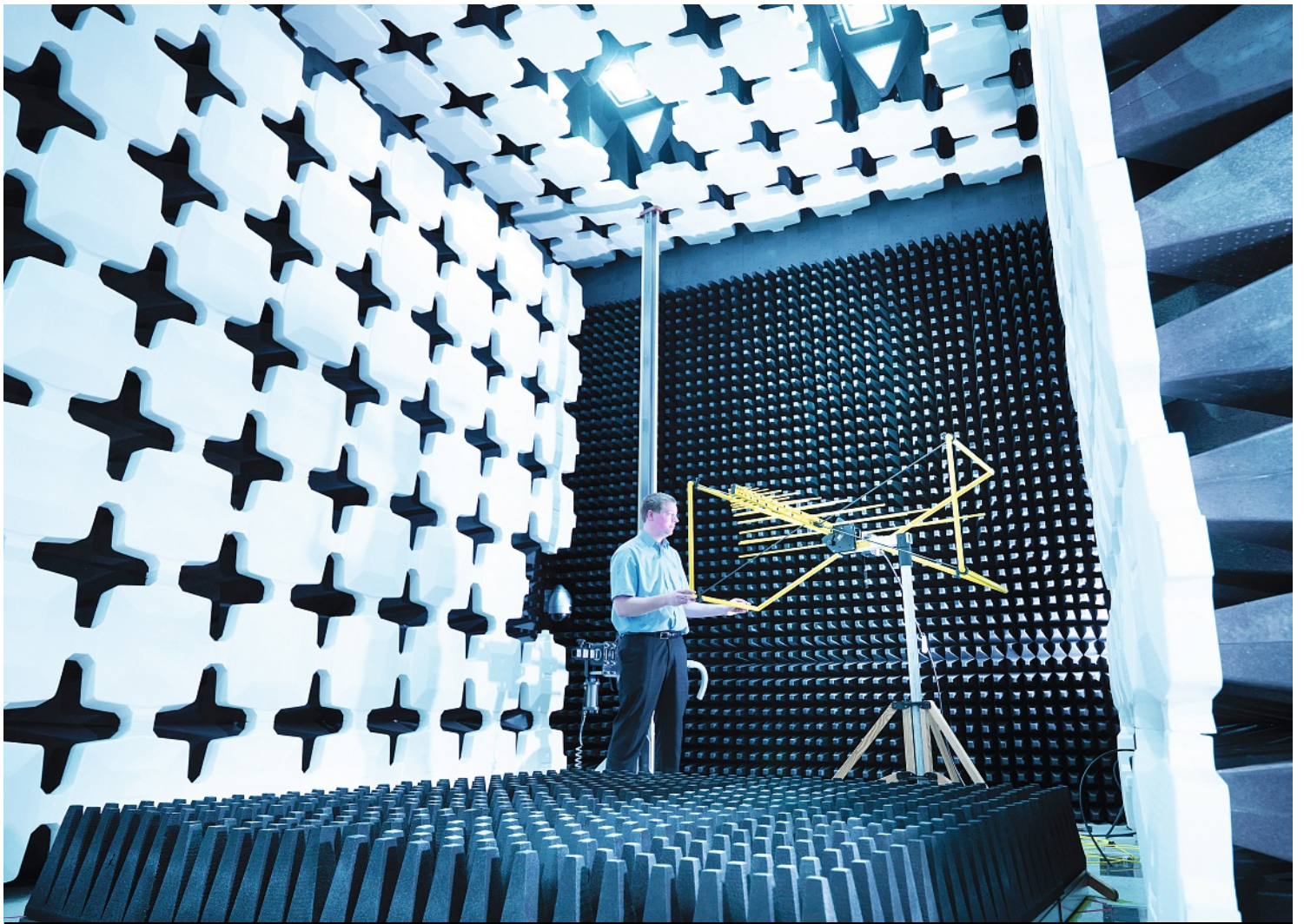




PMA EMC System Cable Protection System providing electro-magnetic shielding

PMA

Power and productivity
for a better world™



EMC System

Introduction

The PMA EMC System provides an additional function within the PMA Cable Protection System, offering high quality shielding against electro-magnetic signals over and above the mechanical cable protection. The EMC product line includes screening braids (tin-plated copper and hybrid braids) and a range of patented termination fittings (metallic components in nickel plated aluminium or nickel plated brass). The EMC system can be combined with any type of PMA conduit to provide the mechanical protection.

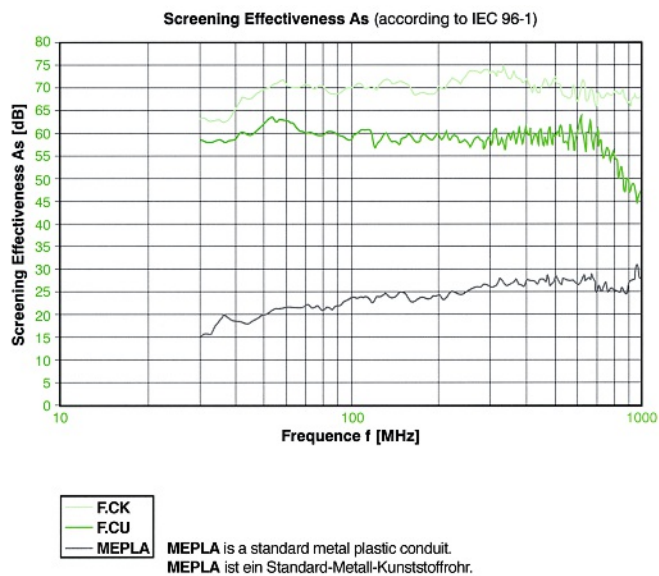


EMC System Introduction

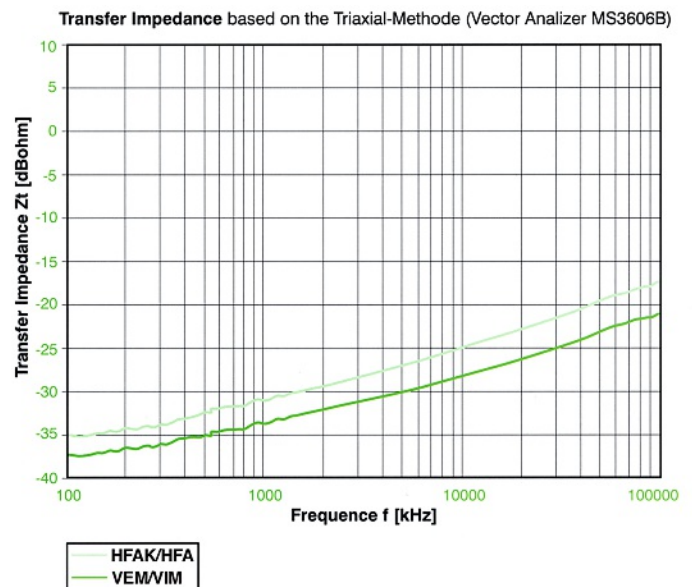
Transfer impedance

The F.CK, F.CU and F.HY screening braids provide excellent shielding for electro-magnetic signals. The patented EMC fittings allow a low impedance 360° termination of the braid preventing stray signals and an earth connection via the termination thread, in addition to the standard water and dust tight conduit termination.

Screening effectiveness of PMA screening braid (typical values).

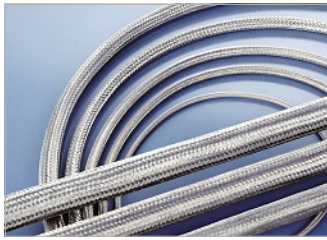


Transfer impedance between housing PMA-EMCFIX in conjunction with PMA screening braid (typical values).



EMC System

Metal and polyester braids



F.CK

F.CK

Screening braid

- Finest tin-plated copper wires
- Delivered on tube former
- Coverage: > 90%

Order No.	NW	Braid specification	Cross section mm ²	Operative range		Weight net per 100 m*
				min. Ø	max. Ø	
F.CK.03	3	16 x 5 x 0.13	1.06	2.5 mm	3.5 mm	1.3 kg
F.CK.04	4	16 x 7 x 0.13	1.48	3.0 mm	5.0 mm	1.8 kg
F.CK.06	6	24 x 7 x 0.13	2.22	4.5 mm	7.0 mm	2.6 kg
F.CK.10	10	24 x 11 x 0.13	3.50	7.0 mm	12.0 mm	4.1 kg
F.CK.12.5	12.5	24 x 14 x 0.13	4.45	11.0 mm	13.0 mm	5.1 kg
F.CK.15	15	24 x 14 x 0.15	5.93	13.0 mm	18.0 mm	7.0 kg
F.CK.20	20	48 x 10 x 0.15	8.48	16.0 mm	35.0 mm	8.9 kg
F.CK.25	25	48 x 13 x 0.15	11.02	22.0 mm	40.0 mm	12.1 kg
F.CK.30	30	48 x 20 x 0.15	16.96	27.0 mm	44.0 mm	18.8 kg
F.CK.35	35	48 x 20 x 0.15	16.96	35.0 mm	50.0 mm	19.1 kg
F.CK.50	50	36 x 14 x 0.30	35.62	40.0 mm	60.0 mm	40.1 kg

* without tube former

- Typical screening values: 65–75 dB at 100 MHz
- Due to tube former: no fold up of braid, easier processing and installation
- Temperature range: –65 °C to +150 °C



F.CU

F.CU

Screening braid

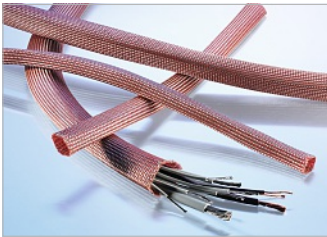
- Finest tin-plated copper wires
- Coverage: > 65%

Order No.	NW	Braid specification	Cross section mm ²	Operative range		Weight net per 100 m
				min. Ø	max. Ø	
F.CU.01	1	16 x 4 x 0.10	0.5	1.0 mm	3.0 mm	0.5 kg
F.CU.04	4	24 x 7 x 0.10	1.3	3.0 mm	8.0 mm	1.3 kg
F.CU.10	10	24 x 11 x 0.10	2.0	4.0 mm	10.0 mm	2.6 kg
F.CU.12	12	36 x 11 x 0.10	3.1	6.0 mm	15.0 mm	2.9 kg
F.CU.20	20	36 x 8 x 0.15	5.1	12.0 mm	25.0 mm	4.7 kg
F.CU.40	40	48 x 7 x 0.25	16.5	24.0 mm	49.0 mm	22.3 kg
F.CU.50	50	48 x 9 x 0.30	30.5	45.0 mm	55.0 mm	28.2 kg

- Typical screening values: 60–70 dB at 100 MHz
- Temperature range: –65 °C to +150 °C

EMC System

Metal and polyester braids



F.HY

F.HY

Hybrid screening braid, very flexible, lightweight

- Finest tin-plated copper wires mixed with polyester monofilament
- Coverage: > 95%

Order No.	Fits to conduit size NW	Operative range min. Ø max. Ø		Weight net (without tube former) per 100 m
F.HY.10*	10	8.0 mm	13.0 mm	4.3 kg
F.HY.12*	12	10.0 mm	15.0 mm	4.5 kg
F.HY.15	17	12.0 mm	18.0 mm	6.8 kg
F.HY.20	23	19.0 mm	27.0 mm	7.2 kg
F.HY.35	29	30.0 mm	40.0 mm	12.0 kg
F.HY.40	36, 48	30.0 mm	50.0 mm	17.0 kg

*with tube former

- Typical screening values: 45 to 67 dB
- Very high flexibility, for dynamic applications
- Excellent abrasion and vibration resistance
- Free from halogens
- Colour: metal/red
- Temperature range: –40 °C to +150 °C

EMC System Connectors

PMA EMC connectors are designed for optimal termination of the PMA tinned copper screening braids F.CK, F.CU and the hybrid screening braid F.HY. Partially they can also be used to terminate the shield of screened cables and wires.

The connectors are used to be combined with PMA conduits for flexible protection of screened cables and wires or pre-assembled cable looms against mechanical damage.

General technical details

Material

- Connectors and accessories made of high-grade, specially formulated polyamide 6
- EMV threaded components made of nickel plated aluminium
- Strain relief components made of nickel plated brass
- Free from halogens, REACH + RoHS compliant
- Self-extinguishing
- Temperature range: –40 °C to +105 °C, short-term to +160 °C

Characteristics

- 360° braid termination: high degree of safety in case of short-circuiting
- Low coupling resistances, low transfer impedances
- Disturbance signals, such as electrical signals and magnetic fields will be discharged to the housing/casing
- Very high impact resistance
- High conduit pull-out strengths
- Vibration proof connection to PMA conduits
- Can be pre-assembled in cable harness systems

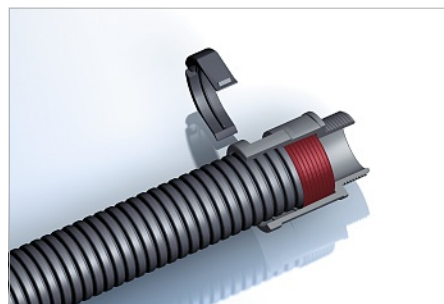
IP68

IP68 static

IP67 dynamic

IP69K according to DIN 40050

- High sealing through additional seal cap
- For highest dynamic applications
- Content of delivery: Conduit sealing cap, locking clip and thread sealing element for male threads (O-ring and/or flat gasket)



PMAFIX, IP68

IP68 + IP69K

static + dynamic

- Highest sealing through fully closed system
- For highest dynamic applications
- Content of delivery: Fitting body with locking and sealing element, O-ring for male threads



PMAFIX Pro



PMAFIX, IP68 + WPS

EMC System

EMC connectors



VEMV

VEMV

Connector straight, metric metal thread, long and short

Order No. black, IP68	Thread metric	Fits to NW	Fits to F.CK	Fits to F.CU	Fits to F.HY	Thread length	Overall length
BVEMV-M120-5	M12 x 1.5	10	10	10	—	5.0 mm	65.0 mm
BVEMV-M120-10	M12 x 1.5	10	10	10	—	10.0 mm	70.0 mm
BVEMV-M162-5	M16 x 1.5	12	12.5	12	12	5.0 mm	70.0 mm
BVEMV-M162-10	M16 x 1.5	12	12.5	12	12	10.0 mm	75.0 mm
BVEMV-M207-6	M20 x 1.5	17	15	20	15	6.0 mm	80.0 mm
BVEMV-M207-10	M20 x 1.5	17	15	20	15	10.0 mm	84.0 mm
BVEMV-M253-7	M25 x 1.5	23	20 / (25)	20	20	7.0 mm	86.0 mm
BVEMV-M253-11	M25 x 1.5	23	20 / (25)	20	20	11.0 mm	90.0 mm
BVEMV-M329-8	M32 x 1.5	29	25 / (30)	20 / (40)	35	8.0 mm	90.0 mm
BVEMV-M329-13	M32 x 1.5	29	25 / (30)	20 / (40)	35	13.0 mm	95.0 mm
BVEMV-M409-13	M40 x 1.5	29	25 / (30)	20 / (40)	35	13.0 mm	97.0 mm
BVEMV-M406-8	M40 x 1.5	36	30 / (35)	40	40	8.0 mm	100.0 mm
BVEMV-M406-13	M40 x 1.5	36	30 / (35)	40	40	13.0 mm	105.0 mm
BVEMV-M508-9	M50 x 1.5	48	35	40	40	9.0 mm	105.0 mm
BVEMV-M508-14	M50 x 1.5	48	35	40	40	14.0 mm	110.0 mm
BVEMV-M638-10	M63 x 1.5	48	35	40	40	10.0 mm	106.0 mm
BVEMV-M638-14	M63 x 1.5	48	35	40	40	14.0 mm	110.0 mm

— Very suitable for the use with PMA screening braids



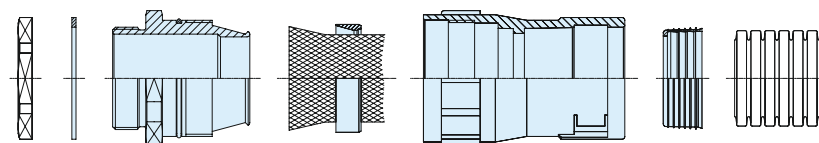
VEMV-SW

VEMV-SW

Connector straight, metric metal thread, positionable

Order No. black, IP68	Thread metric	Fits to NW	Fits to F.CK	Fits to F.CU	Fits to F.HY	Thread length	Overall length
BVEMV-M207SW-10	M20 x 1.5	17	15	20	15	10.0 mm	107.0 mm
BVEMV-M329SW-13	M32 x 1.5	29	25 / (30)	20 / (40)	35	13.0 mm	123.0 mm
BVEMV-M406SW-13	M40 x 1.5	36	30 / (35)	40	40	13.0 mm	137.0 mm
BVEMV-M508SW-14	M50 x 1.5	48	35	40	40	14.0 mm	145.0 mm
BVEMV-M638SW-14	M63 x 1.5	48	35	40	40	14.0 mm	145.0 mm

— Very suitable for the use with PMA screening braids
 — The fitting construction allows completed cable looms to be easily mounted without twisting conduit or cables



Content of delivery includes blue marked products.

VEMV connectors with PG thread on request.

EMC System

EMC connectors with female thread



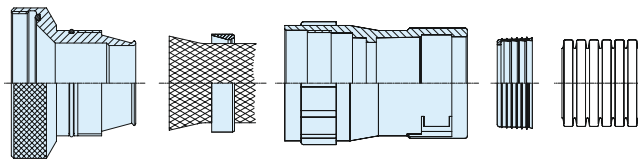
VIMV

VIMV

Connector straight, female UN thread for MIL-C5015

Order No. black, IP68	Thread UN	Fits to NW	Fits to F.CK	Fits to F.CU	Fits to F.HY	Thread length	Overall length
BVIMV-U182	¾"-20	12	12.5	12	12	10.0 mm	75.0 mm
BVIMV-U212	7⁄8"-20	12	12.5	12	12	10.0 mm	75.0 mm
BVIMV-U247	1"-20	17	15	20	15	10.0 mm	85.0 mm
BVIMV-U353	1 1⁄16"-18	23	20 / (25)	20	20	10.0 mm	92.5 mm
BVIMV-U357	1 1⁄16"-18	17	15	20	15	10.0 mm	87.0 mm
BVIMV-U433	1 3⁄4"-18	23	20 / (25)	20	20	10.0 mm	95.0 mm
BVIMV-U569	2 1⁄4"-16	29	25 / (30)	20 / (40)	35	10.0 mm	95.0 mm
BVIMV-U566	2 1⁄4"-16	36	30 / (35)	40	40	10.0 mm	110.0 mm
BVIMV-U568	2 1⁄4"-16	48	35	40	40	10.0 mm	110.0 mm

- Suitable for MIL connector series C5015
- Very suitable for the use with PMA screening braids
- Female thread with O-ring



Content of delivery includes blue marked products.



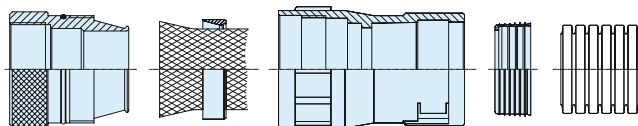
VIMV

VIMV

Connector straight, female UNEF thread for MIL-C26482G

Order No. black, IP68	Thread UNEF	Fits to NW	Fits to F.CK	Fits to F.CU	Fits to F.HY	Thread length	Overall length
BVIMV-U212-14	7⁄8"-20	12	12.5	12	12	14.0 mm	75.0 mm
BVIMV-U247-14	1"-20	17	15	20	15	14.0 mm	90.0 mm
BVIMV-U267-14	1 1⁄16"-18	17	15	20	15	14.0 mm	90.0 mm
BVIMV-U293-14	1 3⁄16"-18	23	20	20	20	14.0 mm	90.0 mm
BVIMV-U303-14	1 1⁄4"-18	23	20	20	20	14.0 mm	90.0 mm
BVIMV-U323-14	1 9⁄16"-18	23	20	20	20	14.0 mm	90.0 mm
BVIMV-U359-14	1 7⁄16"-18	29	20	20	35	14.0 mm	95.0 mm

- Suitable for MIL connector series C26482G
- Very suitable for the use with PMA screening braids
- No seal on female thread side



Content of delivery includes blue marked products.

EMC System

EMC adapters



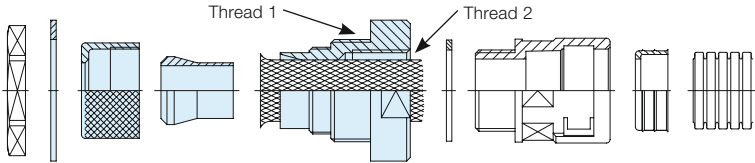
HFAK

HFAK

Adapter with conical braid clamp, metric thread

Order No. metric	Thread metric		Fits to NW	Fits to F.CK	Fits to F.CU	ID min.	Thread length	Overall length
HFAK-M32/25-13	M32 x 1.5	M25 x 1.5	23	20	20	16.8 mm	13.0 mm	42.0 mm
HFAK-M40/32-13	M40 x 1.5	M32 x 1.5	29	20 / (25)	20	22.4 mm	13.0 mm	51.0 mm
HFAK-M50/40-14	M50 x 1.5	M40 x 1.5	36	30, 50 (35)	40	32.4 mm	14.0 mm	58.0 mm
HFAK-M63/63-14	M63 x 1.5	M63 x 1.5	48	35, 50	40	43.4 mm	14.0 mm	57.5 mm

- Nickel-plated aluminium
 – Very suitable for the use with PMA screening braids
 – Suitable with all PMA connectors
- With flat gasket
 – Thread 1: on casing side
 Thread 2: on PMA connector side



Content of delivery includes blue marked products.

EMC System

EMC connectors with strain relief



KEZ

Approvals



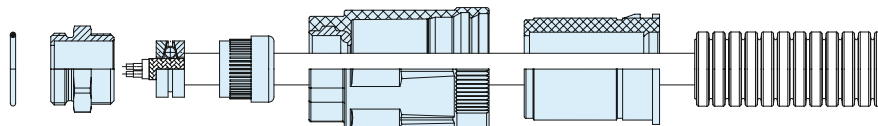
KEZ

Connector straight with strain relief, metric metal thread

Order No. black IP68 + IP69K	Thread metric	Fits to NW	Clamping range	Screen Ø	Ø max.	Thread length	Overall length
NKEZ-M160/P2	M16 x 1.5	10	5.0–8.0 mm	2.5–6.0 mm	25.0 mm	6.0 mm	54.5 mm
NKEZ-M160/P3	M16 x 1.5	10	6.5–9.5 mm	2.5–6.0 mm	25.0 mm	6.0 mm	54.5 mm
NKEZ-M202/P1	M20 x 1.5	12	4.0–6.5 mm	2.5–6.5 mm	29.0 mm	6.5 mm	61.0 mm
NKEZ-M202/P3	M20 x 1.5	12	6.5–9.5 mm	3.5–6.5 mm	29.0 mm	6.5 mm	61.0 mm
NKEZ-M207/P3	M20 x 1.5	17	6.5–9.5 mm	3.5–6.5 mm	35.5 mm	6.5 mm	66.0 mm
NKEZ-M207/P5	M20 x 1.5	17	9.0–13.0 mm	6.5–10.5 mm	35.5 mm	6.5 mm	66.0 mm
NKEZ-M257/P3	M25 x 1.5	17	6.5–9.5 mm	3.0–8.0 mm	35.5 mm	7.5 mm	67.5 mm
NKEZ-M257/P5	M25 x 1.5	17	9.0–13.0 mm	6.5–10.5 mm	35.5 mm	7.5 mm	67.5 mm
NKEZ-M406/P4	M40 x 1.5	36	20.0–25.0 mm	18.5–25.5 mm	60.5 mm	8.0 mm	99.0 mm

- Pflitsch system UNI HF DICHT with UNI IRIS®-Spring
- Sealing insert made of TPE-V

- Very suitable for the use with shielded cables



Content of delivery includes blue marked products.



KEZ

Approvals

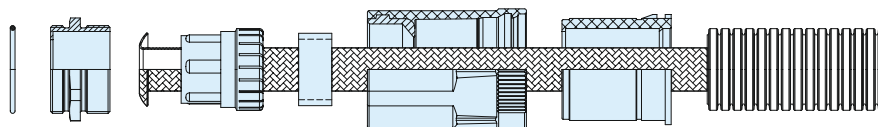


KEZ

Connector straight with strain relief, metric metal thread

Order No. black IP68 + IP69K	Thread metric	Fits to NW	Fits to F.CK	Fits to F.CU	Clamping range	Thread length	Overall length
NKEZ-M160-10	M16 x 1.5	10	06	06/10	5.0–9.0 mm	10.0 mm	63.0 mm
NKEZ-M162-10	M16 x 1.5	12	10/12.5/15	10/12	5.0–9.0 mm	10.0 mm	68.5 mm
NKEZ-M202-10	M20 x 1.5	12	10/12.5/15	10/12	9.0–13.0 mm	10.0 mm	70.5 mm
NKEZ-M207-10	M20 x 1.5	17	12.5/15	12/20	9.0–13.0 mm	10.0 mm	76.0 mm
NKEZ-M253-11	M25 x 1.5	23	15/20/25	20	11.0–16.0 mm	11.0 mm	80.0 mm
NKEZ-M257-11	M25 x 1.5	17	12.5/15	12/20	11.0–16.0 mm	11.0 mm	78.5 mm
NKEZ-M323-13	M32 x 1.5	23	15/20/25	20	14.0–21.0 mm	13.0 mm	85.5 mm
NKEZ-M329-13	M32 x 1.5	29	20/25/30	20	14.0–21.0 mm	13.0 mm	90.0 mm
NKEZ-M406-13	M40 x 1.5	36	25/30/35	40	19.0–27.0 mm	13.0 mm	98.5 mm
NKEZ-M409-13	M40 x 1.5	29	20/25/30	20	19.0–27.0 mm	13.0 mm	93.0 mm
NKEZ-M506-14	M50 x 1.5	36	25/30/35	40	24.0–35.0 mm	14.0 mm	106.5 mm
NKEZ-M508-14	M50 x 1.5	48	30/35	40	24.0–35.0 mm	14.0 mm	112.5 mm
NKEZ-M638-14	M63 x 1.5	48	35	40	32.0–42.0 mm	14.0 mm	113.5 mm

- PERFECT sealing ring made from NBR
- Suitable for the use with PMA screening braids or with shielded cables



Content of delivery includes blue marked products.

EMC System

EMC connectors with strain relief



VEZ

Approvals



VEZ

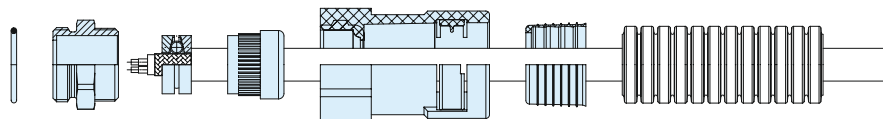
Connector straight with strain relief, metric metal thread

Order No. black IP68	Thread metric	Fits to NW	Clamping range	Screen Ø	Ø max.	Thread length	Overall length
NVEZ-M160V/P2	M16 x 1.5	10	5.0–8.0 mm	2.5–6.0 mm	23.0 mm	6.0 mm	49.5 mm
NVEZ-M160V/P3	M16 x 1.5	10	6.5–9.5 mm	2.5–6.0 mm	23.0 mm	6.0 mm	49.5 mm
NVEZ-M160V/P3/1	M16 x 1.5	10	6.5–9.5 mm	3.5–8.5 mm	26.5 mm	6.0 mm	60.0 mm
NVEZ-M202V/P1	M20 x 1.5	12	4.0–6.5 mm	2.5–6.5 mm	26.5 mm	6.5 mm	54.0 mm
NVEZ-M202V/P3	M20 x 1.5	12	6.5–9.5 mm	3.5–6.5 mm	28.5 mm	6.5 mm	54.0 mm
NVEZ-M202V/P5	M20 x 1.5	12	9.0–13.0 mm	6.5–10.5 mm	26.0 mm	6.5 mm	54.0 mm
NVEZ-M207V/P3	M20 x 1.5	17	6.5–9.5 mm	3.5–6.5 mm	31.0 mm	6.5 mm	60.0 mm
NVEZ-M207V/P5	M20 x 1.5	17	9.0–13.0 mm	6.5–10.5 mm	31.0 mm	6.5 mm	60.0 mm
NVEZ-M257V/P3	M25 x 1.5	17	6.5–9.5 mm	3.0–8.0 mm	31.0 mm	7.5 mm	61.5 mm
NVEZ-M257V/P5	M25 x 1.5	17	9.0–13.0 mm	6.5–10.5 mm	31.0 mm	7.5 mm	61.5 mm
NVEZ-M406V/P4	M40 x 1.5	36	20.0–25.0 mm	18.5–25.5 mm	60.5 mm	8.0 mm	98.5 mm

– Pflitsch system UNI HF DICHT with UNI IRIS®-Spring

– Sealing insert made of TPE-V

– Very suitable for the use with shielded cables



Content of delivery includes blue marked products.



VEZ

Approvals



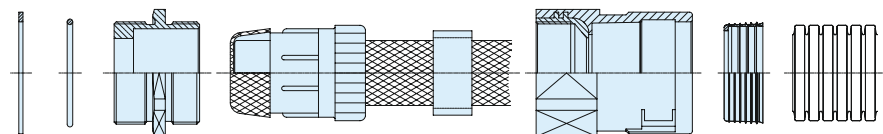
VEZ

Connector straight with strain relief, metric metal thread

Order No. black IP68	Thread metric	Fits to NW	Fits to F.CK	Fits to F.CU	Clamping range	Thread length	Overall length
NVEZ-M120V-10	M12 x 1.5	10	06	06/10	3.0–6.0 mm	10.0 mm	53.5 mm
NVEZ-M160V-10	M16 x 1.5	10	06	06/10	5.0–9.0 mm	10.0 mm	60.0 mm
NVEZ-M162V-10	M16 x 1.5	12	10/12.5/15	10/12	5.0–9.0 mm	10.0 mm	61.5 mm
NVEZ-M202V-10	M20 x 1.5	12	10/12.5/15	10/12	9.0–13.0 mm	10.0 mm	64.0 mm
NVEZ-M207V-10	M20 x 1.5	17	12.5/15	12/20	9.0–13.0 mm	10.0 mm	70.0 mm
NVEZ-M253V-11	M25 x 1.5	23	15/20/25	20	11.0–16.0 mm	11.0 mm	78.5 mm
NVEZ-M257V-11	M25 x 1.5	17	12.5/15	12/20	11.0–16.0 mm	11.0 mm	72.5 mm
NVEZ-M323V-13	M32 x 1.5	23	15/20/25	20	14.0–21.0 mm	13.0 mm	83.0 mm
NVEZ-M329V-13	M32 x 1.5	29	20/25/30	20	14.0–21.0 mm	13.0 mm	80.0 mm
NVEZ-M406V-13	M40 x 1.5	36	25/30/35	40	19.0–27.0 mm	13.0 mm	97.0 mm
NVEZ-M409V-13	M40 x 1.5	29	20/25/30	20	19.0–27.0 mm	13.0 mm	83.0 mm
NVEZ-M506V-14	M50 x 1.5	36	25/30/35	40	24.0–35.0 mm	14.0 mm	106.0 mm
NVEZ-M508V-14	M50 x 1.5	48	30/35	40	24.0–35.0 mm	14.0 mm	105.0 mm
NVEZ-M638V-14	M63 x 1.5	48	35	40	32.0–42.0 mm	14.0 mm	106.0 mm

– PERFECT sealing ring made from NBR

– Suitable for the use with PMA screening braids or with shielded cables



NVEZ connectors with PG thread on request.

Content of delivery includes blue marked products.

EMC System Accessories



MM

MM

Hexagonal lock nut for EMC applications, metric thread

- For earthing in EMC applications

Order No. metal/metric	Fits to thread metric	Wrench size	Height
GMM-M12/EMV	M12 x 1.5	15 mm	4.7 mm
GMM-M16/EMV	M16 x 1.5	19 mm	4.7 mm
GMM-M20/EMV	M20 x 1.5	24 mm	4.7 mm
GMM-M25/EMV	M25 x 1.5	30 mm	5.2 mm
GMM-M32/EMV	M32 x 1.5	36 mm	5.7 mm
GMM-M40/EMV	M40 x 1.5	46 mm	6.5 mm
GMM-M50/EMV	M50 x 1.5	60 mm	6.5 mm
GMM-M63/EMV	M63 x 1.5	70 mm	7.0 mm

- Nickel-plated brass
- With cutting edges to penetrate varnish, powder coatings and anodised surfaces ensuring optimum electrical contact in EMC applications
- Maximum possible torque
- Safe system connection



GPS

GPS

System support, one-piece, stackable

Order No.	Fits to conduit size		Width x Height x Depth
	NW	metric	
BGPS-12/01	12	16	70.0 x 51.0 x 30.0 mm
BGPS-17	17	20	70.0 x 51.0 x 30.0 mm
BGPS-23	23	25	70.0 x 51.0 x 30.0 mm
BGPS-29	29	32	85.0 x 65.0 x 30.0 mm
BGPS-36	36	40	85.0 x 65.0 x 30.0 mm
BGPS-48	48	50	115.0 x 92.5 x 30.0 mm
BGPS-56	56	–	115.0 x 92.5 x 30.0 mm

- Heavy design, high retention forces
- Applicable with standard metal C rails
- Clasp for easy pre-mounting and final assembly
- Especially suitable for dyn. applic. due to rounded edges
- The following nominal widths can be combined for stacking: NW 12 with NW 17 + 23, NW 17 with NW 23, NW 29 with NW 36, NW 48 with NW 56

EMC System Accessories



GL

GL

Tube clamp, one-piece

Order No. black	Order No. grey	Fits to conduit size NW metric		Width	Fixing screws
BGL-07	SGL-07	07	10	25.0 mm	1 x M4
BGL-10	SGL-10	10	12	27.0 mm	1 x M4
BGL-12	SGL-12	12	16	31.0 mm	1 x M4
BGL-17	SGL-17	17	20	39.5 mm	1 x M5
BGL-23	SGL-23	23	25	49.0 mm	1 x M5
BGL-29	SGL-29	29	32	57.0 mm	1 x M6

- Integrated rib provides axial strain relief
- Allows turning of the conduit, thus avoiding torsion stresses
- Pre-fixation on the conduit possible



GH

GH

Tube clamp, one-piece

Order No. black	Order No. grey	Fits to conduit size NW metric		Width	Fixing screws
BGH-23	SGH-23	23	25	16.0 mm	2 x M5
BGH-29	SGH-29	29	32	19.0 mm	2 x M6
BGH-36	SGH-36	36	40	24.0 mm	2 x M6
BGH-48	SGH-48	48	50	24.0 mm	2 x M6

- Integrated rib provides axial strain relief
- Allows turning of the conduit, thus avoiding torsion stresses
- Pre-fixation on the conduit possible
- Allows solid fixation with 2 screws



SGB

SGB

Tube clamp

- For fixation of static conduits

Order No.	Fits to conduit size NW metric		Width	Fixing screws
SGB-07	07	10	13.0 mm	1 x M4
SGB-09	10	12	13.0 mm	1 x M4
SGB-11	12	16	13.0 mm	1 x M4
SGB-16	17	20	15.0 mm	1 x M5
SGB-21	23	25	15.0 mm	1 x M5
SGB-29	29	32	19.0 mm	1 x M6
SGB-36	36	40	19.0 mm	1 x M6
SGB-48	48	50	19.0 mm	1 x M6

- Galvanized steel
- Elastomer profile free from halogens (EPDM)
- Smooth connection to PMA conduits
- Good resistance to ozone and ageing
- Temperature range: –40 °C to +120 °C

Contact us

PMA Headquarters

Switzerland
PMA AG
Aathalstrasse 90 | CH-8610 Uster
Phone +41 (0) 44 905 61 11 | Fax +41 (0) 44 905 61 22
pma-ch.info@tnb.com | www.pma.ch

PMA Sales offices

Austria
ABB AG | Low Voltage Products
Clemens-Holzmeister-Strasse 4 | A-1109 Wien
Phone +43 / 1 60109 6530 | Fax +43 / 1 60109 8600
abb.lpvs@at.abb.com | www.pma-at.com

France
ABB France
18, Avenue du Québec | Néflier, Villebon Silic 607
F-91945 Courtabœuf Cédex
Phone +33 / 169 59 16 66 | Fax +33 / 169 59 16 69
FR-pma.info@fr.abb.com | www.pma.ch

Germany
PMA Deutschland GmbH
Robert-Bosch-Straße 7 | D-97437 Haßfurt
Phone +49 / 9521 957 71-0 | Fax +49 / 9521 957 71-11
pma-de.info@tnb.com | www.pma-de.com

Great Britain
PMA UK Limited
Unit 4 Imperial Court, Magellan Close
Walworth Business Park | Andover, Hampshire, SP10 5NT
Phone +44 / 1264 333527 | Fax +44 / 1264 333643
pma-uk.info@tnb.com | www.pma.ch

Italy
ABB S.P.A.
Via Luciano Lama 33 | IT-20099 Sesto S. Giovanni (MI)
Phone +39 -02- 2415000 | Fax +39 -02- 24148008
contact.center@it.abb.com | www.pma.ch

Spain
Asea Brown Boveri, S.A. | Low Voltage Products
C/San Romualdo, 13 | ES-28037 Madrid
Phone +34 (0) 915 81 93 93 | Fax +34 (0) 917 54 51 50
pma-es.info@es.abb.com | www.pma.ch

USA
Thomas & Betts Corporation | A Member of the ABB Group
8155 T&B Boulevard | US-Memphis, TN 38125
Phone +1 / 901 252 8000 | Fax +1 / 901 252 1354
elec_custserv@tnb.com | www.tnb.com

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