



Type DVW 45° (360° rotatable conduit fitting; metal thread)



Product information

The DVW 45° EMV conduit fittings are rotatable through 360° and made of specially modified polyamide 6, thermoplastic elastomer and nickel-plated brass. The materials are halogen, phosphor and cadmium-free.

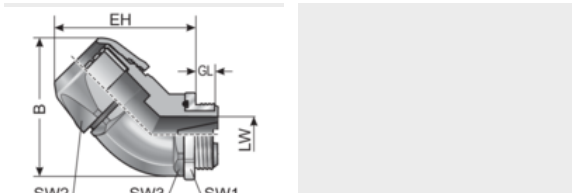
The DVW 45° EMV rotatable conduit fittings feature the following advantages:

- Quick assembly, insert conduit, screw upper part tight, done
- No parts can get lost, delivered completely assembled
- Resistant to vibration due to lockable cap nut
- Clamping along entire circumference, ensuring maximum tensile strength.
- High level of tightness at IP 68/69K to 6 bar without any add-on components to EN 60529

Specification:

- EN 45545-2 3x HL3
- NFPA 130: ASTM E 162, ASTM E 662

Information, conformities and approvals



Article	Order No.	Color	UV	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	B mm	SW 1 / 2 / 3 mm	PU pcs.
DVW 45 M16/P9-M ¹⁾	83493252	Black	✓	M16x1,5	M12/P09	41	11.2	7.2	36.4	21 / 21 / 21	50
DVW 45 M20/P11-M	83493254	Black	✓	M20x1,5	M16/P11	49.1	11.2	10.5	44.6	27 / 27 / 27	50
DVW 45 M25/P16-M	83493256	Black	✓	M25x1,5	M20/P16	59.1	12.2	14.7	55.4	34 / 34 / 34	25
DVW 45 M32/P21-M	83493258	Black	✓	M32x1,5	M25/P21	68.2	12.2	18.7	67.1	41 / 41 / 41	25
DVW 45 M40/P29-M ¹⁾	83493260	Black	✓	M40x1,5	M32/P29	80.3	13.2	25.5	79.2	50 / 50 / 50	25
DVW 45 M50/P36-M ^{2) 1)**}	83493262	Black	✓	M50x1,5	M40/P36	92.1	17.2	33	93.7	60 / 60 / 60	10
DVW 45 M63/P48-M ¹⁾	83493264	Black	✓	M63x1,5	M50/P48	107.7	17.5	41.2	114.2	75 / 75 / 75	10

¹⁾ No stock goods, delivery time and minimum order quantities upon request
²⁾ With CSA approval

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Material properties



Fitting: mod. polyamide PA 6
Connecting thread Brass nickel-plated mod. polyamide PA 6
Brass nickel-plated

Thermal properties



Temperature / temperature range
-40 °C - 110 °C / short term: 140 °C

Protection class



Protection class
IP68 up to 6 bar

Fire properties



Fire classification
acc. to UL94: V0 self-extinguishing



Fire properties as per EN 45545-2
C.I.T. R22 / R23 HL3 :0,58 NF X 70-100-1/-2 600°C (1112 °F)
LOI R22 / R23 HL3 :≥ 32 % ISO 4589-2
Ds (max.) R22 / R23 HL3 :57 ISO 5659-2 (25 KW/m²)



Fire properties as per NFPA
ASTM E 162
ASTM E 1354
ASTM E 662
Boeing BSS 7239
Boeing BSS 7242
Bombardier SMP 800-C



Smoke emission class
SR2 DIN 54837 / 5510-2



Flammability classification
S4 DIN 5510-2

Chemical resistances



Resistant to:
Alcohol
Greases
Fuels
Mineral oils

Technical information



Halogen-free



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Conformity



RoHS (EC Directive 2011/65/EU)

Approvals and operating permits



EU railway approval



CSA approval



cURus approval

Classification

ETIM 9: EC001176
ECLASS 14: 27430312
UNSPSC 26.0801: 40183103

General information



Made in Germany