



Type DVW 90° (360° rotatable conduit fitting; metal thread)



Product information

The rotatable DVW 90° conduit fittings are made of specially modified polyamide 6, thermoplastic elastomer and nickel-plated brass. The materials are halogen, phosphor and cadmium-free.

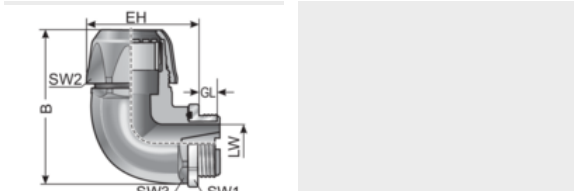
The DVW 90° conduit fittings feature the following advantages:

- 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 90 M16/ P09-M	83495252	Black	✓	M16x1,5	M12/P09	31.8	11.2	7.2	45.8	21 / 21 / 21	50
DVW 90 M20/P11-M	83495254	Black	✓	M20x1,5	M16/P11	38.5	11.2	10.5	56.8	27 / 27 / 25	50
DVW 90 M25/ P16-M	83495256	Black	✓	M25x1,5	M20/P16	48	12.2	14.6	68.6	34 / 27 / 34	25
DVW 90 M32/ P21-M	83495258	Black	✓	M32x1,5	M25/P21	55.5	12.2	18.7	79.3	41 / 41 / 41	25
DVW 90 M40/ P29-M	83495260	Black	✓	M40x1,5	M32/P29	67.5	13.2	25.5	93.6	50 / 50 / 50	25
DVW 90 M50/ P36-M 1) 1)**	83495262	Black	✓	M50x1,5	M40/P36	75.7	15.2	33	109.9	60 / 60 / 60	10
DVW 90 M63/ P48-M	83495264	Black	✓	M63x1,5	M50/P48	92.8	15.2	41.2	135.8	75 / 75 / 75	10

1) With CSA approval

1)**) No stock goods, delivery time and minimum order quantities upon request

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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

General information



Made in Germany