



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



### Product information

The rotatable DVW  $90^\circ$  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  $90^{\circ}$  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.

 $\bullet$  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/P1 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	1	M25x1,5	M20/P16	48	12.2	14.6	68.6	34 / 27 / 34	25
DVW 90 M32/ P21-M	83495258	Black	1	M32x1,5	M25/P21	55.5	12.2	18.7	79.3	41 / 41 / 41	25
DVW 90 M40/ P29-M	83495260	Black	1	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	1	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

#### Material properties



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





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## Thermal properties



IP

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

# Protection class

Protection classIP68 up to 6 bar

## Fire properties



Fire classificationacc. to UL94: V0 self-extinguishing

8	
EN 45545-2	

NFPA 130

Fire properties as per EN 45545-2C.I.T. R22 / R23 HL3 :0,58 NF X 70-100-1/-2 600°C (1112 °F) LOI R22 / R23 HL3 : $\geq$  32 % ISO 4589-2 Ds (max.) R22 / R23 HL3 :57 ISO 5659-2 (25 KW/m<sup>2</sup>) Fire properties as per NFPAASTM E 162 ASTM E 1354 ASTM E 662 Boeing BSS 7239 Boeing BSS 7242 Bombardier SMP 800-C Smoke emission classSR2 DIN 54837 / 5510-2



Flammability classificationS4 DIN 5510-2

#### Chemical resistances



Greases Fuels Mineral oils

Resistant to:Alcohol

# Technical information



RoHS

Halogen-free

# Conformity

RoHS (EC Directive 2011/65/EU)

## Approvals and operating permits



EU railway approval





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## Approvals and operating permits



CSA approval



cURus approval

# Classification



ETIM 9: EC001176 ECLASS 14: 27430312

Made in Germany

### **General information**



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