



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 $45^\circ\,\text{EMV}$ 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.

 \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 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) 1) No stock goods, del	83493264	Black	~	M63x1,5	M50/P48	107.7	17.5	41.2	114.2	75 / 75 / 75	10

2) With CSA approval

SW2

SW3

_, oor approva

1) No stock goods, delivery time and minimum order quantities upon request $% \left({{{\rm{D}}_{\rm{B}}}} \right)$

Material properties



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

© Murrplastik Systemtechnik GmbH •





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

Thermal properties



IP

Temperature / temperature range -40 $^{\circ}\text{C}$ – 110 $^{\circ}\text{C}$ / short term: 140 $^{\circ}\text{C}$

Protection class

Protection classIP68 up to 6 bar

Fire properties



8

Fire properties as per EN 45545-2C.I.T. R22 / R23 HL3 :0,58 NF X 70-100-1/-2 600°C

Fire classificationacc. to UL94: V0 self-extinguishing



(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 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



 (Δ)

Flammability classificationS4 DIN 5510-2

Chemical resistances



Greases Fuels Mineral oils

Technical information



Halogen-free

Conformity



RoHS (EC Directive 2011/65/EU)

Approvals and operating permits



EU railway approval





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

Approvals and operating permits



CSA approval



cURus approval

Classification



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

General information

Made in Germany



All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described. The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described. A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information. All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge. They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose. Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information. Murrplastik accepts no liability for damage caused as a result of using our products. Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services. Our General Terms and Conditions apoly.

Our General Terms and Conditions apply. © Murrplastik Systemtechnik GmbH •