



P-VT/S



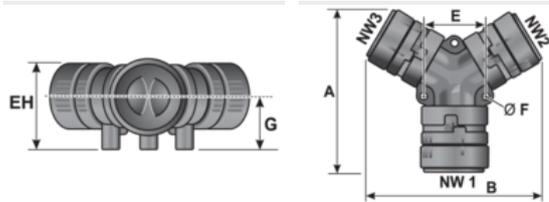
Product information

The highly dense and cable-protecting M-PRO P-VT/S star plug-in distributor is used for coupling corrugated conduits. It has excellent chemical resistance and is also suitable for outdoor use due to its UV and weathering resistance.

Further advantages:

- Tool-free assembly / disassembly of corrugated conduits
- High tear-out strength
- Vibration, impact and shock resistant

Information, conformities and approvals



Article	Order No.	Color	UV	For Murrflex with NW1 / NW2 / NW3	A mm	B mm	EH mm	E mm	F mm	G mm	PU pcs.
P-VT/S 07/07/07	83702850	Black	✓	07 / 07 / 07	76	86.5	28	24	4.5	15	2
P-VT/S 09/07/07	83702853	Black	✓	09 / 07 / 07	76.5	86.5	28.5	24	4.5	15	2
P-VT/S 09/09/09	83702856	Black	✓	09 / 09 / 09	76.5	87	28.5	24	4.5	15	2
P-VT/S 11/09/09	83702859	Black	✓	11 / 09 / 09	82	88	36	26.5	4.5	20	2
P-VT/S 11/11/11	83702862	Black	✓	11 / 11 / 11	82	97	36	26.5	4.5	20	2
P-VT/S 16/11/11	83702865	Black	✓	16 / 11 / 11	93	101.5	42	34	5.5	23.5	2
P-VT/S 16/16/16	83702868	Black	✓	16 / 16 / 16	96	110	42	34	5.5	23.5	2
P-VT/S 21/16/16	83702880	Black	✓	21 / 16 / 16	106	114.5	50.5	41.5	5.5	28.5	2
P-VT/S 21/21/21	83702883	Black	✓	21 / 21 / 21	110	125	50.5	41.5	5.5	28.5	2
P-VT/S 29/21/21	83702886	Black	✓	29 / 21 / 21	121.5	130.5	60	48	6.5	34.5	1
P-VT/S 29/29/29	83702889	Black	✓	29 / 29 / 29	127.5	145.5	60	48	6.5	34.5	1
P-VT/S 36/29/29	83702892	Black	✓	36 / 29 / 29	136.5	150	70	57	6.5	39	1



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Article	Order No.	Color	UV	For Murrflex with NW1 / NW2 / NW3	A mm	B mm	EH mm	E mm	F mm	G mm	PU pcs.
P-VT/S 36/36/36 83702895		Black	✓	36 / 36 / 36	140	159.5	70	57	6.5	39	1

Material properties



mod. polyamide PA 6
Thermoplastic elastomer

Thermal properties



Temperature / temperature range
-50 °C - 120 °C / short term: 140 °C

Protection class



Protection class
IP54
IP66
IP66K
IP67
IP67M
IP68 up to 6 bar (30 min)
IP69K

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 EN 17084
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



P-VT/S

Chemical resistances



Resistant to:

Alcohol
Greases
Fuels
Lyes
Mineral oils
Weak acids

Technical information



Halogen-free



Silicone-free



UV-resistant acc. to ISO 4892-2



Interior



exterior

Conformity



RoHS (EC Directive 2011/65/EU)



Vibration, shock and impact tested



ECE 324 R 118

Approvals and operating permits



EU railway approval



cURus approval

Classification

ETIM 9: EC001172
ECLASS 14: 27430313
UNSPSC: 40172523

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Recommended torques for
**murrplastik connectors, corrugated
conduits and cable fittings**



holders, lock nuts and reducers





Recommended torques for **murrplastik connectors, corrugated conduits and cable fittings, holders, lock nuts and reducers**

Fastening with lock nut

Metric thread EN 60423	Connecting thread and lock nut made of polyamide	Connection thread and lock nut made of metal
M12x1.5	2.0 Nm	5.0 Nm
M16x1.5	3.0 Nm	7.0 Nm
M20x1.5	4.0 Nm	8.0 Nm
M25x1.5	5.0 Nm	10.0 Nm
M32x1.5	6.0 Nm	12.0 Nm
M40x1.5	11.0 Nm	16.0 Nm
M50x1.5	15.0 Nm	17.0 Nm
M63x1.5	16.0 Nm	18.0 Nm

Pg thread DIN 40430	Connecting thread and lock nut made of polyamide	Connection thread and lock nut made of metal
Pg 7	2.0 Nm	4.0 Nm
Pg 9	2.5 Nm	4.0 Nm
Pg 11	3.5 Nm	6.0 Nm
Pg 13.5	4.0 Nm	7.0 Nm
Pg 16	4.5 Nm	8.0 Nm
Pg 21	7.5 Nm	10.0 Nm
Pg 29	9.0 Nm	13.0 Nm
Pg 36	14.0 Nm	15.0 Nm
Pg 42	15.0 Nm	16.0 Nm
Pg 48	16.0 Nm	17.0 Nm

Please note the following information:

- The specified tightening torques are maximum values and should not be exceeded.
- The values are based on measurements under normal climate conditions (23°C / 50% rel. humidity). During assembly and operation, the prevailing climatic conditions should also be taken into account, as these can affect the properties of the components.
- Please consider the properties of the other components with which the murrplastik elements are connected.
- Locking and sealing elements tightened with a lower torque provide better long-term strength.



Recommended torques for **Screws and nuts**

Torques for screws and nuts

Thread size	Torques
M4	2.0 Nm
M5	3.0 Nm
M6	4.0 Nm
M8	10.0 Nm
M10	15.0 Nm

Product examples from our webshop range



Series m-pro

on to the product

shop.murrplastik.de



Series m-fix

on to the product

shop.murrplastik.de



UHE Holder

on to the product

shop.murrplastik.de

More info at

shop.murrplastik.de



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More info at

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