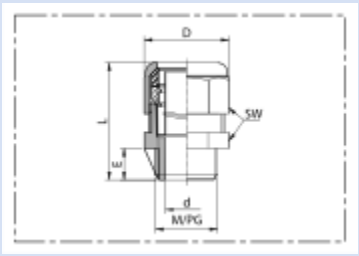
AU 159



Extra tight, multi-piece metal conduit connector with seal; rigid connecting thread

Applications
- cable protection: cable protection screw connection for assembling of a fitting protection hose, cable protection tube, cable protection hose, electric installation, switch cabinets, switch cabinet installation, cable harnessing/ cable assembly

Properties
- up to max. IP 67 to EN/ IEC 60529 (depending on conduit)
- easily and quickly fitted
- re-usable
- multi-piece
- vibration resistant
- flame-retardant
- designed according to EN 60204 for plant and mechanical engineering
- thread reference: M (metric) to EN 60423, P (PG) to DIN 40430
- conforms to RoHS guideline

Temperature Range
- -10 °C to 110 °C

Design
- accessories
- body: nickel-plated brass, rigid connecting thread with hexagonal spanner surface
- seal: brass clamping ring and plastic (TPE) depending on version, adapted to the hose geometry

Nominal Length tube (mm)	Outer thread metric M EN 60423	Thread PG DIN 40430	Thread Length (mm)	Total Length L (mm)	Wrench Size across Flats SW (mm)	O.D. D (mm)	I.D. d (mm)	Weight (kg/100pcs)	PU (Pcs)	Order No.
IP40 | METAL HOSE 101 / VA 108 / Agraff VA 150; PU: 10										
10	M 10 x 1,0	-	9,0	33,0	18	19,3	7,7	1,6	10	159-8010-9010
14	M 12 x 1,5	-	10,0	35,0	22	23,6	8,3	2,2	10	159-8012-9010
17	M 16 x 1,5	-	10,0	37,0	25	26,8	12,2	3,7	10	159-8016-9010
19	M 20 x 1,5	-	10,0	38,0	27	28,9	15,0	3,9	10	159-8020-9010
27	M 25 x 1,5	-	11,0	42,0	36	38,5	20,8	8,6	10	159-8025-9010
52	M 50 x 1,5	-	13,0	50,0	63	67,4	44,0	28,5	10	159-8050-9010
21	M 20 x 1,5	-	11,0	40,0	29	31,0	16,0	5,1	10	159-8120-9010
10	-	PG 7	9	33,0	18	19,3	7,7	1,6	10	159-9007-9010
14	-	PG 9	10,0	35,0	22	23,6	10,0	2,2	10	159-9009-9010
19	-	PG 13,5	10,0	38,0	27	28,9	15,0	3,9	10	159-9013-9010
21	-	PG 16	11,0	40,0	29	31,0	16,5	5,1	10	159-9016-9010
27	-	PG 21	11,0	42,0	36	38,5	22,0	8,6	10	159-9021-9010
IP40 | METAL HOSE 101 / VA 108 / Agraff VA 150; PU: 50										
10	M 10 x 1,0	-	9,0	33,0	18	19,3	7,7	1,6	50	159-8010-9050

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20 °C and are approx. data. Additional information at www.norres.com/en/technology/.

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Nominal Length tube (mm)	Outer thread metric M EN 60423	Thread PG DIN 40430	Thread Length (mm)	Total Length L (mm)	Wrench Size across Flats SW (mm)	O.D. D (mm)	I.D. d (mm)	Weight (kg/100pcs)	PU (Pcs)	Order No.
14	M 12 x 1,5	-	10,0	35,0	22	23,6	8,3	2,2	50	159-8012-9050
17	M 16 x 1,5	-	10,0	37,0	25	26,8	12,2	3,7	50	159-8016-9050
19	M 20 x 1,5	-	10,0	38,0	27	28,9	15,0	3,9	50	159-8020-9050
21	M 20 x 1,5	-	11,0	40,0	29	31,0	16,0	5,1	50	159-8120-9050
10	-	PG 7	9,0	33,0	18	19,3	7,7	1,6	50	159-9007-9050
17	-	PG 11	10,0	37,0	25	26,8	13,5	3,7	50	159-9011-9050
IP67 | METAL HOSE PVC 102 / PUR 105 / PA 104 / Agraff PUR 151; PU: 10										
17	M 16 x 1,5	-	10,0	37,0	25	26,8	12,2	3,7	10	159-8016-9110
19	M 20 x 1,5	-	10,0	38,0	27	28,9	15,0	3,9	10	159-8020-9110
27	M 25 x 1,5	-	11,0	42,0	36	38,5	20,8	8,6	10	159-8025-9110
21	M 20 x 1,5	-	11,0	40,0	29	31,0	16,0	5,1	10	159-8120-9110
56	M 50 x 1,5	-	14,0	55,0	67	71,7	45,5	33,8	10	159-8150-9110
14	-	PG 9	10,0	35,0	22	23,6	10,0	2,2	10	159-9009-9110
19	-	PG 13,5	10,0	38,0	27	28,9	15,0	3,9	10	159-9013-9110
52	-	PG 42	13,0	50,0	63	67,4	44,0	28,5	10	159-9042-9110
56	-	PG 48	14,0	55,0	67	71,7	50,0	33,8	10	159-9048-9110
IP67 | METAL HOSE PVC 102 / PUR 105 / PA 104 / Agraff PUR 151; PU: 50										
21	M 20 x 1,5	-	11,0	40,0	29	31,0	16,0	5,1	50	159-8120-9150
10	-	PG 7	9,0	33,0	18	19,3	7,7	1,6	50	159-9007-9150
14	-	PG 9	10,0	35,0	22	23,6	10,0	2,2	50	159-9009-9150
IP54 | WELLFLEX® PVC 111 / PUR 118; PU: 10										
14	M 12 x 1,5	-	10,0	35,0	22	23,6	8,3	2,2	10	159-8012-9610
17	M 16 x 1,5	-	10,0	37,0	25	26,8	12,2	3,7	10	159-8016-9610
19	M 20 x 1,5	-	10,0	38,0	27	28,9	15,0	3,9	10	159-8020-9610
27	M 25 x 1,5	-	11,0	42,0	36	38,5	20,8	8,6	10	159-8025-9610
IP40 | METAL HOSE 101 / VA 108 / Agraff VA 150; PU: 25										
27	M 25 x 1,5	-	11,0	42,0	36	38,5	20,8	8,6	25	159-8025-9025
36	M 32 x 1,5	-	12,0	45,0	46	49,2	27,5	14,3	25	159-8032-9025
45	M 40 x 1,5	-	12,5	48,0	55	58,9	35,5	21,3	25	159-8040-9025
27	-	PG 21	11,0	42,0	36	38,5	22,0	8,6	25	159-9021-902

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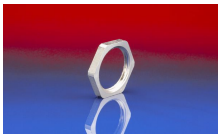
										5
IP67 | METAL HOSE PVC 102 / PUR 105 / PA 104 / Agraff PUR 151; PU: 25										
27	M 25 x 1,5	-	11,0	42,0	36	38,5	20,8	8,6	25	159-8025-9125
36	M 32 x 1,5	-	12,0	45,0	46	49,2	27,5	14,3	25	159-8032-9125
45	M 40 x 1,5	-	12,5	48,0	55	58,9	35,5	21,3	25	159-8040-9125
45	-	PG 36	12,5	48,0	55	58,9	39,5	21,3	25	159-9036-9125
IP54 | WELLFLEX® PVC 111 / PUR 118; PU: 25										
36	M 32 x 1,5	-	12,0	45,0	46	49,2	27,5	14,3	25	159-8032-9625
IP40 | METAL HOSE 101 / VA 108 / Agraff VA 150; PU: 2										
36	M 32 x 1,5	-	12,0	45,0	46	49,2	27,5	14,3	2	159-8032-9002
45	M 40 x 1,5	-	12,5	48,0	55	58,9	35,5	21,3	2	159-8040-9002
56	M 50 x 1,5	-	14,0	55,0	67	71,7	45,5	33,8	2	159-8150-9002
36	-	PG 29	12,0	45,0	46	49,2	31,0	14,3	2	159-9029-9002
IP67 | METAL HOSE PVC 102 / PUR 105 / PA 104 / Agraff PUR 151; PU: 2										
36	M 32 x 1,5	-	12,0	45,0	46	49,2	27,5	14,3	2	159-8032-9102
45	M 40 x 1,5	-	12,5	48,0	55	58,9	35,5	21,3	2	159-8040-9102
36	-	PG 29	12,0	45,0	46	49,2	31,0	14,3	2	159-9029-9102
45	-	PG 36	12,5	48,0	55	58,9	39,5	21,3	2	159-9036-9102
52	-	PG 42	13,0	50,0	63	67,4	44,0	28,5	2	159-9042-9102
IP54 | WELLFLEX® PVC 111 / PUR 118; PU: 2										
36	M 32 x 1,5	-	12,0	45,0	46	49,2	27,5	14,3	2	159-8032-9602
45	M 40 x 1,5	-	12,5	48,0	55	58,9	35,5	21,3	2	159-8040-9602

Accessories



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