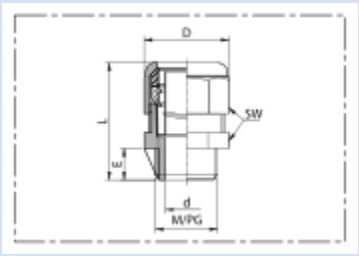
AU 159





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
- 15 °F to 230 °F

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 (in)	Outer thread metric M EN 60423	Thread PG DIN 40430	Thread Length (in)	Total length L (in)	Wrench Size across Flats SW (in)	O.D. D (in)	I.D. d (in)	Weight (lb/100pcs)	PU (Pcs)	Order No.
IP40 | METAL HOSE 101 / VA 108 / Agraff VA 150; PU: 10										
0.394	M 10 x 1,0	-	0.354	1.299	0.709	0.760	0.303	3.528	10	159-8010-9010
0.551	M 12 x 1,5	-	0.394	1.378	0.866	0.929	0.327	4.851	10	159-8012-9010
0.669	M 16 x 1,5	-	0.394	1.457	0.984	1.055	0.480	8.159	10	159-8016-9010
0.748	M 20 x 1,5	-	0.394	1.496	1.063	1.138	0.591	8.600	10	159-8020-9010
1.063	M 25 x 1,5	-	0.433	1.654	1.417	1.516	0.819	18.963	10	159-8025-9010
2.047	M 50 x 1,5	-	0.512	1.969	2.480	2.654	1.732	62.843	10	159-8050-9010
0.827	M 20 x 1,5	-	0.433	1.575	1.142	1.220	0.630	11.246	10	159-8120-9010
0.394	-	PG 7	0.354	1.299	0.709	0.760	0.303	3.528	10	159-9007-9010
0.551	-	PG 9	0.394	1.378	0.866	0.929	0.394	4.851	10	159-9009-9010
0.748	-	PG 13,5	0.394	1.496	1.063	1.138	0.591	8.600	10	159-9013-9010
0.827	-	PG 16	0.433	1.575	1.142	1.220	0.650	11.246	10	159-9016-9010
1.063	-	PG 21	0.433	1.654	1.417	1.516	0.866	18.963	10	159-9021-9010
IP40 | METAL HOSE 101 / VA 108 / Agraff VA 150; PU: 50										
0.394	M 10 x 1,0	-	0.354	1.299	0.709	0.760	0.303	3.528	50	159-8010-9050

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at www.norres.com/us/technology/. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68 °F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

2026/17

AU 159

Nominal length tube (in)	Outer thread metric M EN 60423	Thread PG DIN 40430	Thread Length (in)	Total length L (in)	Wrench Size across Flats SW (in)	O.D. D (in)	I.D. d (in)	Weight (lb/100pcs)	PU (Pcs)	Order No.
0.551	M 12 x 1,5	-	0.394	1.378	0.866	0.929	0.327	4.851	50	159-8012-9050
0.669	M 16 x 1,5	-	0.394	1.457	0.984	1.055	0.480	8.159	50	159-8016-9050
0.748	M 20 x 1,5	-	0.394	1.496	1.063	1.138	0.591	8.600	50	159-8020-9050
0.827	M 20 x 1,5	-	0.433	1.575	1.142	1.220	0.630	11.246	50	159-8120-9050
0.394	-	PG 7	0.354	1.299	0.709	0.760	0.303	3.528	50	159-9007-9050
0.669	-	PG 11	0.394	1.457	0.984	1.055	0.531	8.159	50	159-9011-9050
IP67 | METAL HOSE PVC 102 / PUR 105 / PA 104 / Agraff PUR 151; PU: 10										
0.669	M 16 x 1,5	-	0.394	1.457	0.984	1.055	0.480	8.159	10	159-8016-9110
0.748	M 20 x 1,5	-	0.394	1.496	1.063	1.138	0.591	8.600	10	159-8020-9110
1.063	M 25 x 1,5	-	0.433	1.654	1.417	1.516	0.819	18.963	10	159-8025-9110
0.827	M 20 x 1,5	-	0.433	1.575	1.142	1.220	0.630	11.246	10	159-8120-9110
2.205	M 50 x 1,5	-	0.551	2.165	2.638	2.823	1.791	74.529	10	159-8150-9110
0.551	-	PG 9	0.394	1.378	0.866	0.929	0.394	4.851	10	159-9009-9110
0.748	-	PG 13,5	0.394	1.496	1.063	1.138	0.591	8.600	10	159-9013-9110
2.047	-	PG 42	0.512	1.969	2.480	2.654	1.732	62.843	10	159-9042-9110
2.205	-	PG 48	0.551	2.165	2.638	2.823	1.969	74.529	10	159-9048-9110
IP67 | METAL HOSE PVC 102 / PUR 105 / PA 104 / Agraff PUR 151; PU: 50										
0.827	M 20 x 1,5	-	0.433	1.575	1.142	1.220	0.630	11.246	50	159-8120-9150
0.394	-	PG 7	0.354	1.299	0.709	0.760	0.303	3.528	50	159-9007-9150
0.551	-	PG 9	0.394	1.378	0.866	0.929	0.394	4.851	50	159-9009-9150
IP54 | WELLFLEX® PVC 111 / PUR 118; PU: 10										
0.551	M 12 x 1,5	-	0.394	1.378	0.866	0.929	0.327	4.851	10	159-8012-9610
0.669	M 16 x 1,5	-	0.394	1.457	0.984	1.055	0.480	8.159	10	159-8016-9610
0.748	M 20 x 1,5	-	0.394	1.496	1.063	1.138	0.591	8.600	10	159-8020-9610
1.063	M 25 x 1,5	-	0.433	1.654	1.417	1.516	0.819	18.963	10	159-8025-9610
IP40 | METAL HOSE 101 / VA 108 / Agraff VA 150; PU: 25										
1.063	M 25 x 1,5	-	0.433	1.654	1.417	1.516	0.819	18.963	25	159-8025-9025
1.417	M 32 x 1,5	-	0.472	1.772	1.811	1.937	1.083	31.532	25	159-8032-9025
1.772	M 40 x 1,5	-	0.492	1.890	2.165	2.319	1.398	46.967	25	159-8040-9025
1.063	-	PG 21	0.433	1.654	1.417	1.516	0.866	18.963	25	159-9021-902

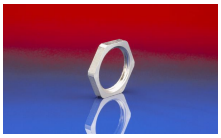
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2026/17

AU 159

Nominal length tube (in)	Outer thread metric M EN 60423	Thread PG DIN 40430	Thread Length (in)	Total length L (in)	Wrench Size across Flats SW (in)	O.D. D (in)	I.D. d (in)	Weight (lb/100pcs)	PU (Pcs)	Order No.
										5
IP67 | METAL HOSE PVC 102 / PUR 105 / PA 104 / Agraff PUR 151; PU: 25										
1.063	M 25 x 1,5	-	0.433	1.654	1.417	1.516	0.819	18.963	25	159-8025-9125
1.417	M 32 x 1,5	-	0.472	1.772	1.811	1.937	1.083	31.532	25	159-8032-9125
1.772	M 40 x 1,5	-	0.492	1.890	2.165	2.319	1.398	46.967	25	159-8040-9125
1.772	-	PG 36	0.492	1.890	2.165	2.319	1.555	46.967	25	159-9036-9125
IP54 | WELLFLEX® PVC 111 / PUR 118; PU: 25										
1.417	M 32 x 1,5	-	0.472	1.772	1.811	1.937	1.083	31.532	25	159-8032-9625
IP40 | METAL HOSE 101 / VA 108 / Agraff VA 150; PU: 2										
1.417	M 32 x 1,5	-	0.472	1.772	1.811	1.937	1.083	31.532	2	159-8032-9002
1.772	M 40 x 1,5	-	0.492	1.890	2.165	2.319	1.398	46.967	2	159-8040-9002
2.205	M 50 x 1,5	-	0.551	2.165	2.638	2.823	1.791	74.529	2	159-8150-9002
1.417	-	PG 29	0.472	1.772	1.811	1.937	1.220	31.532	2	159-9029-9002
IP67 | METAL HOSE PVC 102 / PUR 105 / PA 104 / Agraff PUR 151; PU: 2										
1.417	M 32 x 1,5	-	0.472	1.772	1.811	1.937	1.083	31.532	2	159-8032-9102
1.772	M 40 x 1,5	-	0.492	1.890	2.165	2.319	1.398	46.967	2	159-8040-9102
1.417	-	PG 29	0.472	1.772	1.811	1.937	1.220	31.532	2	159-9029-9102
1.772	-	PG 36	0.492	1.890	2.165	2.319	1.555	46.967	2	159-9036-9102
2.047	-	PG 42	0.512	1.969	2.480	2.654	1.732	62.843	2	159-9042-9102
IP54 | WELLFLEX® PVC 111 / PUR 118; PU: 2										
1.417	M 32 x 1,5	-	0.472	1.772	1.811	1.937	1.083	31.532	2	159-8032-9602
1.772	M 40 x 1,5	-	0.492	1.890	2.165	2.319	1.398	46.967	2	159-8040-9602

Accessories



GM 164

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2026/17