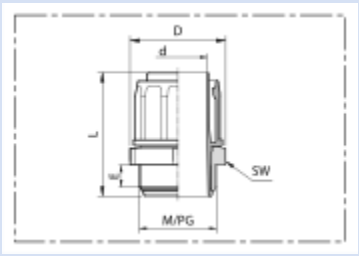
AD-K 180



Plastic conduit connector with integrated inner socket; rotary 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
- IP 54 to EN/ IEC 60529
- self-locking conduit assembly
- inner socket protects cables from damage
- easily and quickly fitted
- one-piece
- good resistance to chemicals
- 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: plastic (PP)
- rotary plastic (PP) connecting thread with hexagonal spanner surface

Delivery variants
- gray (standard)
- special colors: full colored

Nominal length tube (in)	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.
PU: 10; thread metric M EN 60423										
0.551	M16 x 1,5	-	0.335	1.732	0.787	0.866	0.346	1.544	10	180-8016-9010
0.669	M20 x 1,5	-	0.354	1.870	0.945	1.039	0.437	1.985	10	180-8020-9010
0.827	M25 x 1,5	-	0.394	2.047	1.181	1.291	0.583	3.308	10	180-8025-9010
1.063	M32 x 1,5	-	0.433	2.165	1.417	1.547	0.764	4.631	10	180-8032-9010
2.205	M63 x 1,5	-	0.531	2.480	2.559	2.795	1.807	15.435	10	180-8063-9010
PU: 50; thread metric M EN 60423										
0.551	M16 x 1,5	-	0.335	1.732	0.787	0.866	0.346	1.544	50	180-8016-9050
0.669	M20 x 1,5	-	0.354	1.870	0.945	1.039	0.437	1.985	50	180-8020-9050
0.827	M25 x 1,5	-	0.394	2.047	1.181	1.291	0.583	3.308	50	180-8025-9050
PU: 25; thread metric M EN 60423										
1.063	M32 x 1,5	-	0.433	2.165	1.417	1.547	0.764	4.631	25	180-8032-9025
1.417	M40 x 1,5	-	0.472	2.276	1.811	1.976	1.098	7.497	25	180-8040-9025
1.772	M50 x 1,5	-	0.512	2.402	2.165	2.362	1.402	10.805	25	180-8050-9025

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.

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Nominal length tube (in)	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.
PU: 2; thread metric M EN 60423										
1.417	M40 x 1,5	-	0.472	2.276	1.811	1.976	1.098	7.497	2	180-8040-9002
1.772	M50 x 1,5	-	0.512	2.402	2.165	2.362	1.402	10.805	2	180-8050-9002
2.205	M63 x 1,5	-	0.531	2.480	2.559	2.795	1.807	15.435	2	180-8063-9002
PU: 10; thread PFG DIN 40430										
0.551	-	PG 9	0.335	1.732	0.787	0.866	0.346	1.544	10	180-9009-9010
0.669	-	PG 11	0.354	1.870	0.945	1.039	0.437	1.985	10	180-9011-9010
0.748	-	PG 13,5	0.374	1.949	1.063	1.169	0.512	2.646	10	180-9013-9010
0.827	-	PG 16	0.394	2.047	1.181	1.291	0.583	3.308	10	180-9016-9010
1.063	-	PG 21	0.433	2.165	1.417	1.547	0.764	4.631	10	180-9021-9010
2.047	-	PG 42	0.512	2.453	2.441	2.657	1.650	13.451	10	180-9042-9010
2.205	-	PG 48	0.531	2.480	2.559	2.795	1.807	15.435	10	180-9048-9010
PU: 50; thread PFG DIN 40430										
0.551	-	PG 9	0.335	1.732	0.787	0.866	0.346	1.544	50	180-9009-9050
0.669	-	PG 11	0.354	1.870	0.945	1.039	0.437	1.985	50	180-9011-9050
0.748	-	PG 13,5	0.374	1.949	1.063	1.169	0.512	2.646	50	180-9013-9050
0.827	-	PG 16	0.394	2.047	1.181	1.291	0.583	3.308	50	180-9016-9050
PU: 25; thread PFG DIN 40430										
1.063	-	PG 21	0.433	2.165	1.417	1.547	0.764	4.631	25	180-9021-9025
1.417	-	PG 29	0.472	2.276	1.811	1.976	1.098	7.497	25	180-9029-9025
1.772	-	PG 36	0.512	2.402	2.165	2.362	1.402	10.805	25	180-9036-9025
PU: 2; thread PFG DIN 40430										
1.417	-	PG 29	0.472	2.276	1.811	1.976	1.098	7.497	2	180-9029-9002
1.772	-	PG 36	0.512	2.402	2.165	2.362	1.402	10.805	2	180-9036-9002
2.205	-	PG 48	0.531	2.480	2.559	2.795	1.807	15.435	2	180-9048-9002

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