



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

- -10°C to 110°C

Design

- accessories
- Body: plastic (PP)
- rotary plastic (PP) connecting thread with hexagonal spanner surface

Delivery variants

- grey (standard)
- special colours: full coloured

Nominal Length tube (mm)	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.
PU: 10; thread metric M EN 60423										
14	M16 x 1,5	-	8,5	44,0	20	22,0	8,8	0,7	10	180-8016-9010
17	M20 x 1,5	-	9,0	47,5	24	26,4	11,1	0,9	10	180-8020-9010
21	M25 x 1,5	-	10,0	52,0	30	32,8	14,8	1,5	10	180-8025-9010
27	M32 x 1,5	-	11,0	55,0	36	39,3	19,4	2,1	10	180-8032-9010
56	M63 x 1,5	-	13,5	63,0	65	71,0	45,9	7,0	10	180-8063-9010
PU: 50; thread metric M EN 60423										
14	M16 x 1,5	-	8,5	44,0	20	22,0	8,8	0,7	50	180-8016-9050
17	M20 x 1,5	-	9,0	47,5	24	26,4	11,1	0,9	50	180-8020-9050
21	M25 x 1,5	-	10,0	52,0	30	32,8	14,8	1,5	50	180-8025-9050
PU: 25; thread metric M EN 60423										
27	M32 x 1,5	-	11,0	55,0	36	39,3	19,4	2,1	25	180-8032-9025
36	M40 x 1,5	-	12,0	57,8	46	50,2	27,9	3,4	25	180-8040-9025
45	M50 x 1,5	-	13,0	61,0	55	60,0	35,6	4,9	25	180-8050-9025

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/.

AD-K 180

Nominal Length tube (mm)	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.
PU: 2; thread metric M EN 60423										
36	M40 x 1,5	-	12,0	57,8	46	50,2	27,9	3,4	2	180-8040-9002
45	M50 x 1,5	-	13,0	61,0	55	60,0	35,6	4,9	2	180-8050-9002
56	M63 x 1,5	-	13,5	63,0	65	71,0	45,9	7,0	2	180-8063-9002
PU: 10; thread PFG DIN 40430										
14	-	PG 9	8,5	44,0	20	22,0	8,8	0,7	10	180-9009-9010
17	-	PG 11	9,0	47,5	24	26,4	11,1	0,9	10	180-9011-9010
19	-	PG 13,5	9,5	49,5	27	29,7	13,0	1,2	10	180-9013-9010
21	-	PG 16	10,0	52,0	30	32,8	14,8	1,5	10	180-9016-9010
27	-	PG 21	11,0	55,0	36	39,3	19,4	2,1	10	180-9021-9010
52	-	PG 42	13,0	62,3	62	67,5	41,9	6,1	10	180-9042-9010
56	-	PG 48	13,5	63,0	65	71,0	45,9	7,0	10	180-9048-9010
PU: 50; thread PFG DIN 40430										
14	-	PG 9	8,5	44,0	20	22,0	8,8	0,7	50	180-9009-9050
17	-	PG 11	9,0	47,5	24	26,4	11,1	0,9	50	180-9011-9050
19	-	PG 13,5	9,5	49,5	27	29,7	13,0	1,2	50	180-9013-9050
21	-	PG 16	10,0	52,0	30	32,8	14,8	1,5	50	180-9016-9050
PU: 25; thread PFG DIN 40430										
27	-	PG 21	11,0	55,0	36	39,3	19,4	2,1	25	180-9021-9025
36	-	PG 29	12,0	57,8	46	50,2	27,9	3,4	25	180-9029-9025
45	-	PG 36	13,0	61,0	55	60,0	35,6	4,9	25	180-9036-9025
PU: 2; thread PFG DIN 40430										
36	-	PG 29	12,0	57,8	46	50,2	27,9	3,4	2	180-9029-9002
45	-	PG 36	13,0	61,0	55	60,0	35,6	4,9	2	180-9036-9002
56	-	PG 48	13,5	63,0	65	71,0	45,9	7,0	2	180-9048-9002

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/.