

FEATURES

- Various threads are available
- Completely sealed against dust
- Excellent water resistance
- Locknut and seal supplied
- High quality nickel plated brass

RS PRO PG 7 Cable Gland with Locknut, Nylon, IP68

RS Stock No.: 831-9046



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Brought to you by RS PRO, a range of metric threaded cable glands offering excellent strain relief and cable protection. Cable glands allow you to mount a cable into a pre-drilled hole. Commonly used within construction and by electrical engineers, cable glands are simple and easy to use. Each gland is rated as IP68, ensuring the level of cable protection is incredibly resilient to the outdoors and other harsh environments. All models are highly reliable and excellent quality.

General Specifications

Thread Size	PG 7
Material	Nickel Plated Brass
Colour	Metallic
Sealing	Neoprene
Claw	PA6
Locknut Included	Yes
Application	Machinery with delicate internals, Telecommunications, Flow meters, Underwater power generators

Mechanical Specifications

Maximum Cable Diameter	6.5mm
Minimum Cable Diameter	3mm
Thread Length L2	20mm
Locknut thickness	2.8mm
Thread Outer diameter D1	12.5mm

Operation Environment Specifications

Minimum Operating Temperature	-40°C
Maximum Operating Temperature	100°C
Operating Temperature Range	-40°C to 100°C

Protection Category

IP Rating	IP68
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Approvals

Compliance/Certifications	EN 61340
Standards Met	RoHS Compliant



RS Article No.	SIZE	Cable Range (Φ) (MM)	d (MM)	H (MM)	L (MM)	t (MM)
831-9012	M12×1.5	3—6.5	12	14	6	2.8
831-9021	M16×1.5	5—10	16	20	6	2.2
831-9024	M20×1.5	8—14	20	24	8	3.0
831-9028	M25×1.5	9—16	25	27	7.5	3.0
831-9037	M32×1.5	15—22	32	35	8.5	3.5
831-9030	M40×1.5	22—32	40	50	12	4.5
831-9034	M50×1.5	31—38	50	57	12	5.0
831-9043	M63×1.5	37—44	63	65	12	5.5
831-9046	PG7	3—6.5	12.5	14	6	2.8
831-9040	PG9	4—8	15.2	18	6.5	2.5
831-9059	PG11	5—10	18.6	20	7	3.0
831-9052	PG13.5	6—12	20.4	22	7.5	3.0
831-9056	PG16	8—14	22.5	24	7	3.0
831-9065	PG21	13—18	28.3	30	8	3.5
831-9068	PG29	18—25	37.0	40	9.5	4.0
831-9062	PG36	22—32	47.0	50	12	4.5

Dimensions:

