

Special



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Summary

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[BKT series](#)

[Customer Drawing](#)

Wire Size/AWG	36 - 28
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.60 - 3.00 mm
Size	0T
Suggested matching part	EGG.0T.312.KLL
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/fgg-0t-312-klac30z.html

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Technical details

Electrical Configuration

R (max) - electrical contact resistance	8.7 mOhm
Rated current	1.7 A
Test voltage contact-contact	1.1 kV DC
Test voltage contact-shell	1.5 kV DC
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.05 mm ² (AWG 30)
Bucket Dia.	0.4 mm (0.016 in)
Contact Dia.	0.35 mm (0.014 in)
Wire Size/AWG	36 - 28
Gender	Standard

Form & Material

Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Black
Weight	13.07 g

Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

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Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.60 - 3.00 mm

Recommended By Lemo

Caps

Compatible cap	BFG.0T.100.KAS
Soft Cap	BFZ.0T.100.SCN

Bend Reliefs

GMA.0B.030.DG	GMA.0B.030.DA	GMA.0B.030.DB
GMA.0B.030.DJ	GMA.0B.030.DM	GMA.0B.030.DN
GMA.0B.030.DR	GMA.0B.030.DS	GMA.0B.030.DV

Tools

Spanner	DCP.0T.110.TN
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