

Standard

*Image for illustrative purpose only*

Summary

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BKT series

Wire Size/AWG	26 - 22
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.10 - 4.50 mm
Size	0T
Suggested matching part	EGG.0T.305.CYM
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/fsg-0t-305-cycc45.html

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Technical details

Electrical Configuration

R (max) - electrical contact resistance	6.1 mOhm
Rated current	6.5 A
Test voltage contact-contact	1.8 kV DC
Test voltage contact-shell	1.7 kV DC
Contact retention	22 N
Max. Conductor	0.34 mm ² (AWG 22)
Min. Conductor	0.14 mm ² (AWG 26)
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.7 mm (0.028 in)
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Shell style / Model id	FS - Adjustable right angle Anglissimo plug (8 selective positions) with cable collet
Plug	Elbow
Housing material	Brass (chrome plated [SAE AMS 2460]) 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	Grey
Weight	11.46 g

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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
Note	Cable diameter is specific for Anglissimo to enable easy termination of connector

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.10 - 4.50 mm

Drawings



Dimensions

	A	H	L	M	S1	S2
mm.	10	23	36	26	7	9.5
in.	0.39	0.91	1.42	1.02	0.28	0.37

Recommended By Lemo

Contacts	
Replacement contact	FGG.0B.555.ZZC
Caps	
Compatible cap	BFG.0T.100.CAS
Soft Cap	BFZ.0T.100.SCN
Tools	
Positionner	DCE.91.070.BVC
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V

Cables

Cable PartNumber	Material	Colour	Cable image
50090	PVC	Black	