

Standard



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Summary

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[BKT series](#)

[Customer Drawing](#)

Wire Size/AWG	24 - 20
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.10 - 6.50 mm
Size	1T
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fsa-1t-304-cycc65z.html

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Technical details

Electrical Configuration

R (max)	4.8 mOhm
Rated current	10 A
Vtest (contact-contact)	2.4 kV (DC)
Vtest (contact-shell)	2.6 kV (DC)
Contact retention	30 N
Max. Conductor	0.5 mm ² (AWG 20)
Min. Conductor	0.25 mm ² (AWG 24)
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	24 - 20
Gender	Standard

Form & Material

Shell style / Model id	FS - Adjustable right angle Anglissimo plug (8 selective positions) with cable collet and nut for fitting a bend relief
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	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	16.94 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]
Resistance to vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [6 ms]
Salt Spray Corrosion	>1000 hr
Note	Cable diameter is specific for Anglissimo to enable easy termination of connector

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.10 - 6.50 mm

Recommended By Lemo

Accessories

Replacement contact	FGG.1B.560.ZZC
Compatible cap	BFG.1T.100.CAS




Tools

Positionner	DCE.91.091.BVC
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V

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Cables

Cable PartNumber	Material	Colour	Cable image
240500	PVC	Grey	
417920	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	

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