

Standard



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Summary

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BKT series

Wire Size/AWG	20 - 18
Gender	Standard
Plug	Plug - Elbow
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.10 - 8.50 mm
Size	2T
Suggested matching part	EGG.2T.305.CYM
Series	T - Small Outdoor keyed

Technical details

Electrical Configuration

R (max)	3.6 mOhm
Footprint IPC Class3 compatibility	No
Rated current	14 A
Vtest (contact-contact)	3.1 kV (DC)
Vtest (contact-shell)	3.1 kV (DC)
Contact retention	40 N
Max. Conductor	1 mm ² (AWG 18)
Min. Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	20 - 18
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	27.52 g

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/fsg-2t-305-cycc85z.html

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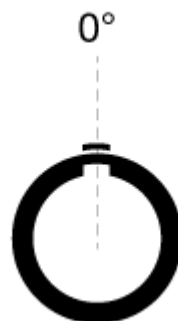
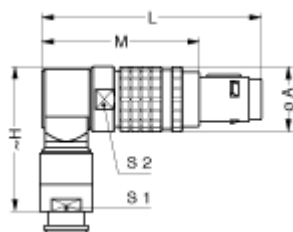
Environment

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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.10 - 8.50 mm

Drawings



Dimensions

	A	H	L	M	S1	S2
mm.	17	36.26	53.5	41.4	12	16
in.	0.67	1.43	2.11	1.63	0.47	0.63

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Recommended By Lemo

Accessories	
Replacement contact	FGG.2B.565.ZZC
Compatible cap	BFG.2T.100.CAS
Tools	
Positionner	DCE.91.132.BVC
Extraction tool	DCC.13.15B.LAG
Crimp tool	DPC.91.701.V