

Special

*Image for illustrative purpose only*

Summary

[Request a quote](#)[BKT series](#)

Number of contacts Low Voltage	5
Wire Size/AWG	24 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Snap-on
Jacket cable outside diameter [mm]	4.10 - 4.50 mm
Size	1T
Suggested matching part	EGA.1T.305.CYM
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/ffa-1t-305-cycc45z.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	5
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	4.8 mOhm
Insert configuration value	T.305 - 5 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	9 A
Test voltage contact-contact	1.9 kV DC
Test voltage contact-shell	2.2 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 (0.043 in)
Contact Dia.	0.9 mm (0.035 in)
Wire Size/AWG	24 - 20
Gender	Standard

Form & Material

Shell style / Model id	FF - Straight Plug, non latching, cable collet
Plug	Straight
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	Snap-on
Keying	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	9.68 g

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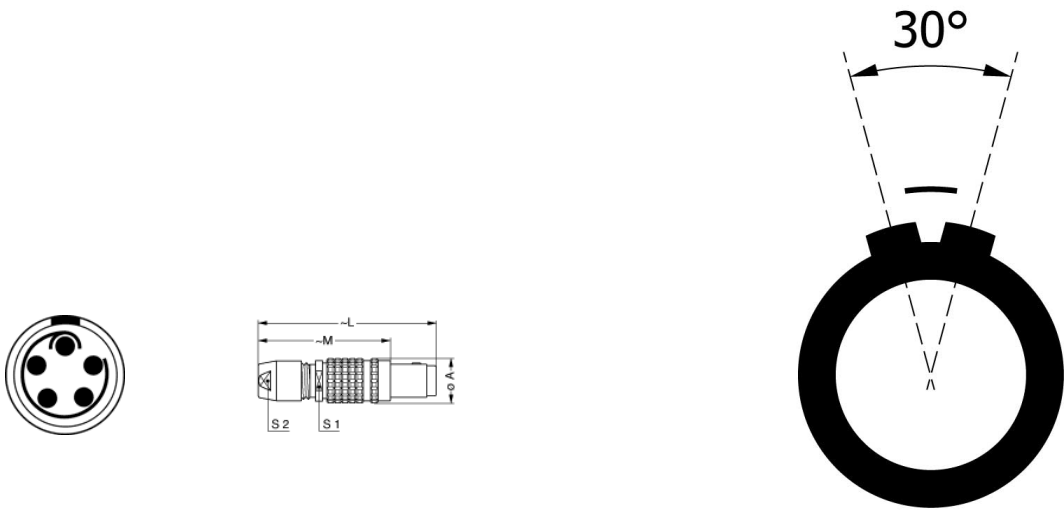
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
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

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.10 - 4.50 mm

Drawings



Dimensions

	A	L	M	S1	S2
mm.	12	46	35	10	9
in.	0.47	1.81	1.38	0.39	0.35

Recommended By Lemo

Contacts

Replacement contact [FGG.1B.560.ZZC](#)

Caps

Soft Cap [BFZ.1T.100.SCN](#)

Bend Reliefs

[GMA.1B.045.DG](#) [GMA.1B.045.DA](#) [GMA.1B.045.DB](#)

[GMA.1B.045.DJ](#) [GMA.1B.045.DM](#) [GMA.1B.045.DN](#)

[GMA.1B.045.DR](#) [GMA.1B.045.DS](#) [GMA.1B.045.DV](#)

Tools

Spanner [DCP.0T.110.TN](#)

Positionner [DCE.91.091.BVC](#)

Extraction tool [DCC.09.05B.LAG](#)

Crimp tool [DPC.91.701.V](#)

Cables

Cable PartNumber	Material	Colour	Cable image
50090	PVC	Black	

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