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Summary

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Number of contacts Low Voltage	2
Wire Size/AWG	32 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.80 - 3.50 mm
Size	00
Suggested matching part	FGG.00.302.CYCD35
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/phg-00-302-cymd35.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	Crimp
R (max)	8.7 mOhm
Insert configuration value	0.302 - 2 Low Voltage
Rated current	4 A
Vtest (contact-contact)	1.7 kV (DC)
Vtest (contact-shell)	1.7 kV (DC)
Max. Conductor	0.035 mm ² (AWG 32)
Min. Conductor	0.09 mm ² (AWG 28)
Bucket Dia.	0.45 mm (0.02in)
Contact Dia.	0.5 mm (0.02in)
Wire Size/AWG	32 - 28
Gender	Standard

Form & Material

Shell style / Model id	PH - Free receptacle, cable collet
Socket / Receptacle	Free
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	4.11 g

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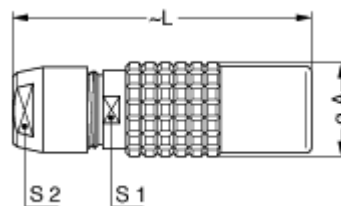
Environment

Environmental sealing (IP rating)	IP50
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.80 - 3.50 mm

Drawings



Dimensions

	S2	S1	L	A
mm.	5	5.5	26	6.8
in.	0.2	0.22	1.02	0.27

Recommended By Lemo

Accessories

Replacement contact	EGG.00.654.ZZM
Compatible cap	BRF.00.200.NAS

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Tools

Positionner	DCE.91.050.0VM
Extraction tool	DCC.05.02B.LAG
Crimp tool	DPC.91.701.V

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T28.030PGCE	PVC	GREY	
CMN.02.T28.030PGZE		grey	
CMN.02.T28.030PNCE	PVC	Black	
CMN.02.T28.030PNZE			
2080	PVC	Grey	

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