

SUMMARY

Wires

Low	2
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	1B
Termination type	Female crimp
IP rating	50
Cable Ø	4.30 - 5.20 mm
Matching parts	EGJ.1B.302.CYC
Status	active
Alternative part	



Image is for illustrative purpose only

Download

[Request a quote](#)

[Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	2 keys (gamma=45, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	D52: 4.3 - 5.2 mm
Variant	Z : Nut for fitting a bend relief
Weight	17.36 g

Performance

Configuration	1B.302 : 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	15 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

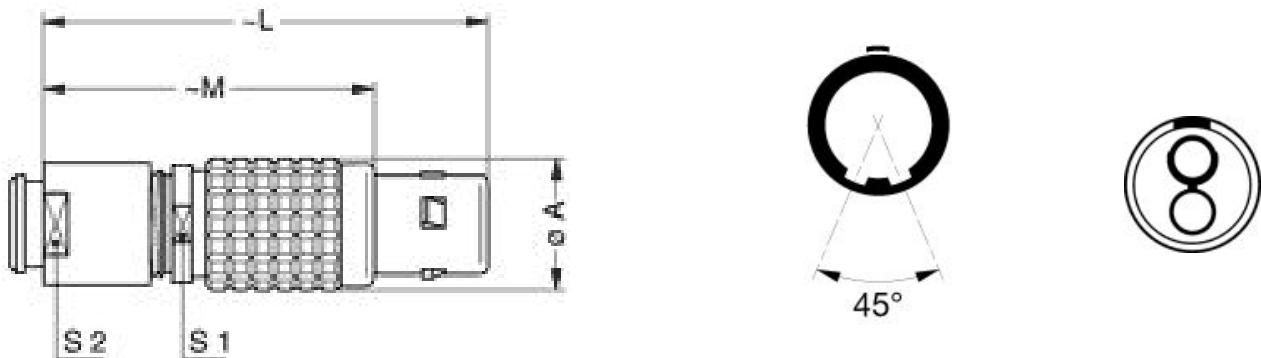
Contact Retention: 40 N
 Contact Dia.: 1.3 mm (0.051in)
 Bucket Dia.: 1.4 mm (0.055in)
 Min. Conductor: 0.5 mm² (AWG 20)
 Max. Conductor: 1 mm² (AWG 18)
 R (max): 3.6 mOhm
 Vtest (contact-shell): 1450 V (AC), 2100 V (DC)
 Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

Others

Temp (min / max): -55° C / +250° C
 Humidity (max): <=95% [at 60 deg C /140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	M	S1	S2
mm.	12	42	31	10	9
in.	0,47	1,65	1,22	0,39	0,35















LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 18-20/8-7
Positionner: DCE.91.131.BVM
Extractor: DCF.91.131.2LT
Replacement contact: EGG.1B.665.ZZM
Spanner wrench: DCD.1B.015.PA090

Cables

CMN.02.T20.047PGCE	PVC	GREY	
CMN.02.T20.047PGZE		Grey	
CMN.02.T20.047PNCE	PVC	Black	
CMN.02.T20.047PNZE			
CMN.02.T20.048QGZE	TPR (medical)	Grey	
CMN.02.T22.047PGCE	PVC	GREY	
CMN.02.T22.047PGZE		Grey	
CMN.02.T22.047PNCE	PVC	Black	
CMN.02.T22.047PNZE			
002 200	PVC	Black	
002 221	PVC	Black	
004 082	PVC	Grey	
120 240	PVC	Black	
120 250	PVC	Grey	
120 501	PVC	Grey	

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Circular Push Pull Connectors](#) category:

Click to view products by [LEMO](#) manufacturer:

Other Similar products are found below :

[FEA.1B.308.CYCD72Z](#) [D38999/20ZC8JA](#) [D38999/20ZG35PN-LC](#) [D38999/20ZG39BN](#) [D38999/20ZG41PN-LC](#) [D38999/20ZH21SA](#)
[D38999/20ZH53SA](#) [D38999/20ZJ24SA](#) [D38999/20ZJ29PA-LC](#) [D38999/20ZJ43HA](#) [D38999/20ZJ43PA-LC](#) [D38999/20ZJ61PA-LC](#)
[D38999/24ZF11SA-LC](#) [D38999/24ZF32BA](#) [D38999/24ZF32PA-LC](#) [D38999/24ZF32SA-LC](#) [D38999/24ZF35BA](#) [D38999/24ZF35SA-LC](#)
[EXG.00.250.NTNY](#) [FFA.00.250.CTAZ](#) [FFA.1S.302.CLAZ](#) [FFA.1Y.410.CTAC52](#) [FFA.2S.310.ZLA](#) [FFG.1B.302.CLAD52Z](#)
[FFG.1B.304.CLAD42Z](#) [FFG.1B.304.CLAD72Z](#) [FFG.1B.308.CLAD42Z](#) [FGA.1B.304.CLAD62Z](#) [FGA.1B.304.CYCD72Z](#)
[FGA.1B.305.CLAD76](#) [FGA.1B.306.CYCD72](#) [FGA.1B.307.CYCD72Z](#) [FGA.1B.308.CLAD76Z](#) [FGA.1B.308.CYCD42Z](#)
[FGA.1B.308.CYCD52Z](#) [FGA.1B.308.CYCD72Z](#) [FGA.1B.310.CLAD42](#) [FGA.1B.310.CLAD52Z](#) [FGA.1B.316.CLAD42](#)
[FGA.1B.316.CLAD62Z](#) [FGA.1B.316.CLAD76](#) [FGB.0B.307.CYCD31Z](#) [FGB.1B.302.CLAD72](#) [FGB.1B.303.CYCD62](#) [FGB.1B.305.CLAZ](#)
[FGB.1B.307.CYCD62Z](#) [FGB.1B.316.CLAD42](#) [FGC.0B.309.CLAD56](#) [FGC.1B.304.CLAD52Z](#) [FGC.1B.305.CLAD52Z](#)