

SUMMARY

Wires



Image is for illustrative purpose only

Low voltage	18
Fluidic	2
Series	4B
Termination type	Male crimp
IP rating	50
AWG wire size	0.00 - 0.00
Cable Ø	10.60 - 12.00 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
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
Variant	Z : Nut for fitting a bend relief
Weight	117.66 g

Performance

Configuration	4B.P29 : 2 Fluidic with valve P1, 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

Specifications

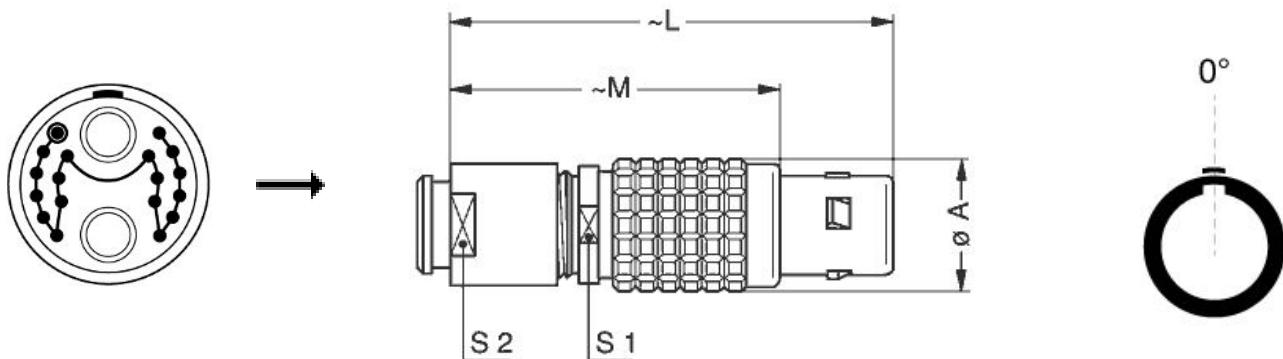
Contact Type:	Crimp
Max pressure:	6 bar (87.02 psi)
Tube Inner Dia.:	1.8 mm (0.070)
Tube Outer Dia.:	3.0 mm (0.118 in.)
Test voltage (kV rms)	Contact-contact : 0.85
Test voltage (kV rms)	Contact-shell : 0.75

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Others

Endurance (Shell): 5000
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]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S1	S2
mm.	25	71	53	21	20
in.	0,98	2,80	2,09	0,83	0,79

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)

Crimp settings: AWG/Selector = 22-24-26/6-5-5

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Replacement contact: FGG.4B.555.ZZC

Caps: [BFG.4B.100.NAS](#)

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