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Summary

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Number of contacts Low Voltage	10
Wire Size/AWG	20 - 18
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 16.60 mm
Size	3S
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ecp-3s-310-cym.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Crimp
Insert configuration value	3S.310 - 10 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	9 A
Test voltage (kV DC)	1.5
Contact Dia.	1.3
Wire Size/AWG	20 - 18

Form & Material

Shell style / Model id	ECP - Fixed receptacle with two nuts, long threaded shell (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey
Weight	34.35 g

Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C
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

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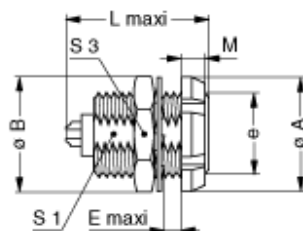
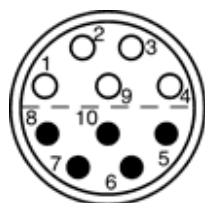
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Cable fixation

Jacket cable outside diameter [mm]

2.00 - 16.60 mm

Drawings



Dimensions

	M	S1	e	A	B	S3	E	L
mm.	4.5	16.5	M18x1.0	24	25.2	22	14	29
in.	0.18	0.65		0.94	0.99	0.87	0.55	1.14

Recommended By Lemo

Accessories

Replacement contact

[FGG.3B.565.ZZC](#)

Compatible cap

[BRE.3S.200.NAS](#)

Tools

Positionner

[DCE.91.133.BVC](#)

Extraction tool

[DCC.13.15B.LAG](#)

Spanner wrench

[Socket for torque wrench DCM.65.200.AZ](#)

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