



Summary

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Thermocouple	4
Wire Size/AWG	30 - 22
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.20 - 5.20 mm
Size	1S
Series	S - Indoor Stepped Insert

Technical details

Electrical Configuration

Thermocouple	4
Insert configuration value	1S.902/ThC - 2 Thermocouple Pairs
Insulator	L: PEEK (UL 94 / V-0/1.5)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	30 - 22

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/psa-1s-902-cllc52.html

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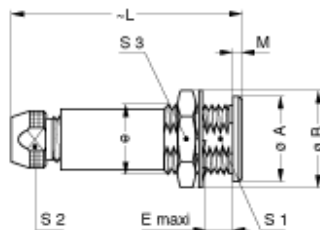
Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front 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
Weight	15.42 g

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.20 - 5.20 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2	S3	C
mm.	14	16	M12x1.0	7.5	40.5	1.5	10.5	8.5	14	6.2
in.	0.55	0.63		0.3	1.59	0.06	0.41	0.33	0.55	0.24

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