



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	22 - 14
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.60 - 7.00 mm
Size	3E
Series	E - Outdoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/e-outdoor-stepped-insert/psa-3e-304-sllc70.html](https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/psa-3e-304-sllc70.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Solder
Insert configuration value	3E.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	18 A
Test voltage (kV DC)	2.1
Bucket Dia.	1.8
Contact Dia.	2
Wire Size/AWG	22 - 14

## Form & Material

Shell style / Model id	PSA - Fixed receptacle, nut fixing, cable collet
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Stainless steel 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	108.98 g

## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]

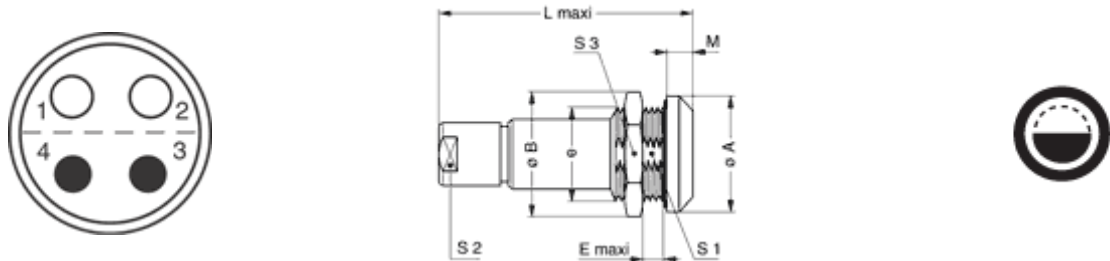
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.60 - 7.00 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2	S3
mm.	31	34.5	M24x1.0	11	65	6	22.5	15	30
in.	1.22	1.36		0.43	2.56	0.24	0.89	0.59	1.18

Recommended By Lemo

Accessories

Compatible cap	<a href="#">BRE.3K.200.NAS</a>
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Cables

Cable PartNumber	Material	Colour	Cable image
240750	PVC	Grey	