

Standard



*Image for illustrative purpose only*

## Summary

[Request a quote](#)

SE series

|                                    |   |
|------------------------------------|---|
| Number of contacts Low Voltage     | 10  |
| Wire Size/AWG                      | 30 - 22   |
| Socket / Receptacle                | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system                     | Push-pull                                       |
| Jacket cable outside diameter [mm] | 1.00 - 13.60 mm                                 |
| Size                               | 2S  |
| Suggested matching part            | <a href="#">FFA.2S.310.CLAC52</a>               |
| Series                             | S - Indoor Stepped Insert                       |

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/hgp-2s-310-cllp.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/hgp-2s-310-cllp.html)

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# Technical details

## Electrical Configuration

|                                    |                               |
|------------------------------------|-------------------------------|
| Number of contacts Low Voltage     | 10                            |
| Contact Termination Low voltage    | Solder                        |
| R (max)                            | 4.8 mOhm                      |
| Insert configuration value         | 2S.310 - 10 Low Voltage       |
| Footprint IPC Class3 compatibility | No                            |
| Insulator                          | L: PEEK (UL 94 / V-0/1.5)     |
| Rated current                      | 7 A                           |
| Test voltage (kV DC)               | 1.2                           |
| Max. Solid Conductor               | 0.34 mm <sup>2</sup> (AWG 22) |
| Bucket Dia.                        | 0.8 mm (0.031in)              |
| Contact Dia.                       | 0.9 mm (0.0354in)             |
| Wire Size/AWG                      | 30 - 22                       |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | HGP - Fixed receptacle, nut fixing, watertight or vacuum-tight  |
| 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  |
| Colour                 | Grey  |
| Variant                | Watertight unmated (connector to device)  |
| Weight                 | 23.66 g   |

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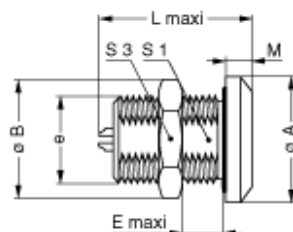
## Environment

|                                   |   |
|-----------------------------------|---|
| Technical domain                  | Audio Video, Energy and Industrial, Semiconductor, Test and Measurement |
| Environmental sealing (IP rating) | IP68  |
| Endurance                         | 5000 mating cycles  |
| Temperature range                 | -20°C / +80°C   |
| Climatic Category                 | 20/80/21  |
| 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]  |
| Pressure                          | 40 bars   |
| Salt Spray Corrosion              | >1000 hr  |

## Cable fixation

|                                    |                 |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 1.00 - 13.60 mm |
| Panel Drill Hole                   | M16             |

## Drawings



## Dimensions

|     | A    | B    | e       | E    | L    | M    | S1   | S3   |
|-----|------|------|---------|------|------|------|------|------|
| mm. | 20   | 21.8 | M16x1.0 | 17   | 29.5 | 4    | 14.5 | 19   |
| in. | 0.79 | 0.86 |         | 0.67 | 1.16 | 0.16 | 0.57 | 0.75 |

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# Recommended By Lemo

## Accessories

Compatible cap

[BRE.2S.200.NAS](#)

## Cables

| Cable PartNumber   | Material      | Colour | Cable image   |
|--------------------|---------------|--------|---|
| CMN.10.T22.068QGZE | TPR (medical) | Grey   |    |
| CMN.10.T28.052PGZE |               | grey   |    |
| CMN.10.T28.052PNZE |               |        |    |
| CMN.10.T28.053QGZE | TPR (medical) | Grey   |    |
| 110220             | PVC           | Black  |    |
| 110240             | PTFE          | White  |  |
| 110260             | PTFE          | White  |  |
| 110280             | PVC           | Black  |  |
| 210140             | PVC           | Grey   |  |
| 210240             | PVC           | Black  |  |
| 210250             | PVC           | Grey   |  |
| 210260             | PVC           | Black  |  |

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