

## Cable connector - SB-8ESSA8A8L32S - 1623329

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Cable connector, straight long, shielded: yes, SPEEDCON locking, M40, No. of pos.: 8+4+PE, type of contact: Socket, Crimp connection, cable diameter range: 9 mm ... 14 mm

### Your advantages

- ✓ All housing can be fitted with pin or socket contacts
- ✓ A total of eight contacts are available for signal transmission
- ✓ Reduced connection time with SPEEDCON fast locking system
- ✓ Mechanical coding reliably prevents incorrect connections
- ✓ Safe use in the field, thanks to high degree of protection
- ✓ Consistent EMC protection for reliable connection solutions in the industrial environment

### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 1 pc          |
| GTIN         |               |
| GTIN         | 4055626194042 |

### Technical data

#### Temperature range

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 130 °C |
|---------------------------------|-------------------|

#### Data of the insulating body

|  |                   |
|--|-------------------|
| Protection against electric shock              | IEC 61984         |
| Coding   | Signal, coding 1  |
| Contact connection method                      | Crimp connection  |
| Type of contacts                               | Socket            |
| Application                                    | Hybrid            |
| Number of positions                            | 13                |
| Contact diameter of power contacts             | 3.6 mm            |
| Litz wire cross section of power contacts min. | 1 mm <sup>2</sup> |

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### Technical data

#### Data of the insulating body

|   |                      |
|---|----------------------|
| Litz wire cross section of power contacts max.  | 16 mm <sup>2</sup>   |
| Nominal current per power contact at 25°C       | 70 A                 |
| Rated surge voltage                             | 6 kV                 |
| Degree of pollution                             | 3                    |
| Rated voltage (II/3) power contact              | 850 V DC             |
| Rated voltage (III/3) power contact             | 630 V $\hat{a}$ AC   |
| Contact diameter of signal contacts             | 1 mm                 |
| Litz wire cross section of signal contacts min. | 0.06 mm <sup>2</sup> |
| Litz wire cross section of signal contacts max. | 1.5 mm <sup>2</sup>  |
| Nominal current per signal contact at 25°C      | 8 A                  |
| Rated surge voltage                             | 6 kV                 |
| Rated voltage (III/3) signal contact            | 500 V                |
| Contact diameter, data contacts                 | 1 mm                 |
| Litz wire cross section, data contacts, min.    | 0.06 mm <sup>2</sup> |
| Litz wire cross section, data contacts, max.    | 1.5 mm <sup>2</sup>  |
| Nominal current per data contact at 25°C        | 8 A                  |
| Rated surge voltage                             | 1.5 kV               |
| Rated voltage (III/3) data contact              | 50 V                 |

#### Housing data

|  |  |
|--|--|
| Housing material                       | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Type of locking                        | SPEEDCON locking   |
| Degree of protection (when plugged in) | IP68/IP69K   |
| Thread type                            | M40  |

#### Cable seal data

|                  |                |
|------------------|----------------|
| Cable diameter   | 9 mm ... 14 mm |
| Sealing material | FKM            |

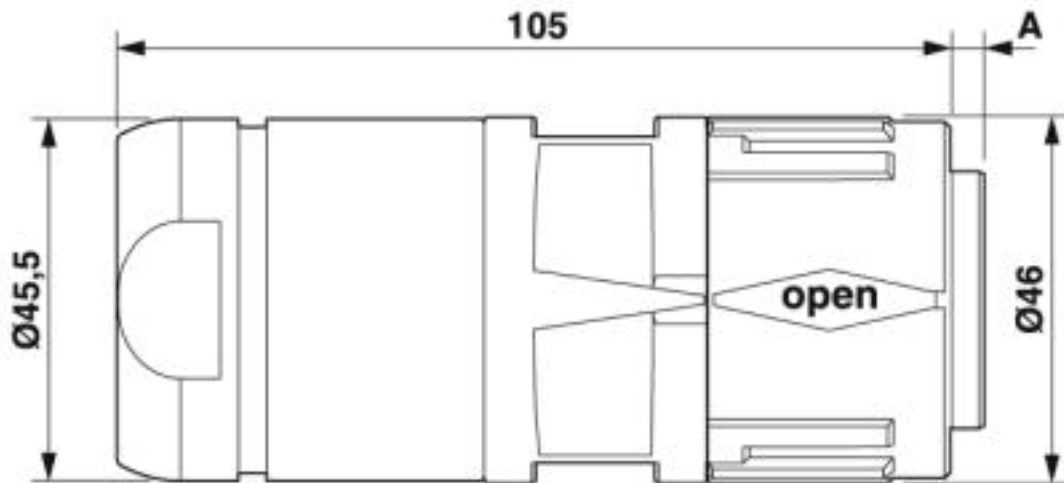
#### Environmental Product Compliance

|            |   |
|------------|---|
|            | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

## Cable connector - SB-8ESSA8A8L32S - 1623329

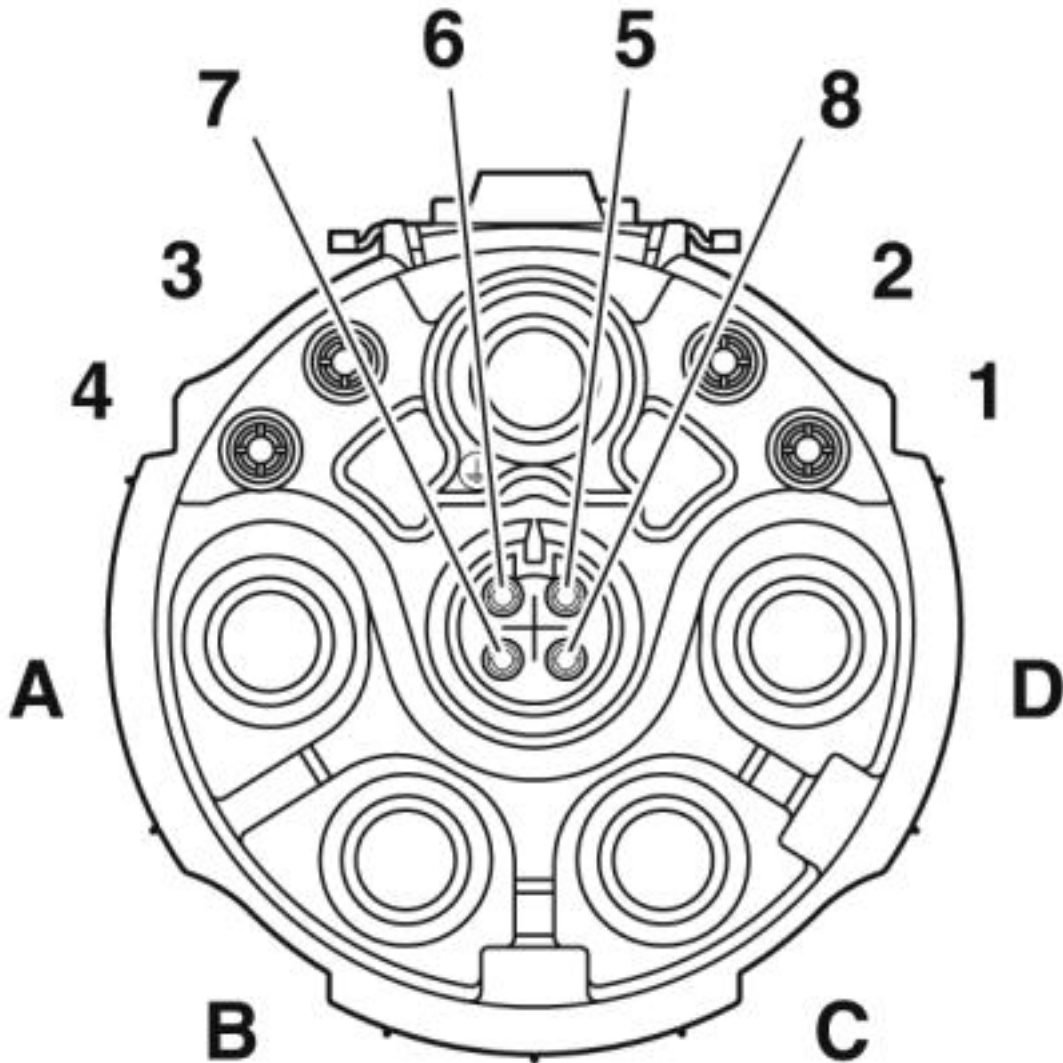
Dimensional drawing



Pin version: dimension A = 4.05 mm, socket version: dimension A = 0.4 mm

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Schematic diagram



Pin assignment of socket signal, coding 1

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