

Cable connector - SB-8EP8A8L32S - 1623695

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Cable connector, straight long, shielded: yes, SPEEDCON locking, M40, No. of pos.: 8+4+PE, type of contact: Pin, 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 | 4055626194363 |

Technical data

Temperature range

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

Data of the insulating body

| | |
|--|--------------------|
| Coding | Signal, coding 2 |
| Contact connection method | Crimp connection |
| Type of contacts | Pin |
| Application | Hybrid |
| Number of positions | 13 |
| Contact diameter of power contacts | 3.6 mm |
| Litz wire cross section of power contacts min. | 1 mm ² |
| Litz wire cross section of power contacts max. | 16 mm ² |

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Technical data

Data of the insulating body

| | |
|---|----------------------|
| 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 AC |
| Contact diameter of signal contacts | 1 mm |
| Litz wire cross section of signal contacts min. | 0.06 mm ² |
| Litz wire cross section of signal contacts max. | 1.5 mm ² |
| 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 ² |
| Litz wire cross section, data contacts, max. | 1.5 mm ² |
| Nominal current per data contact at 25°C | 8 A |
| Nominal voltage of data contact | 50 V |
| 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

| | |
|------------|---|
| REACH SVHC | 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

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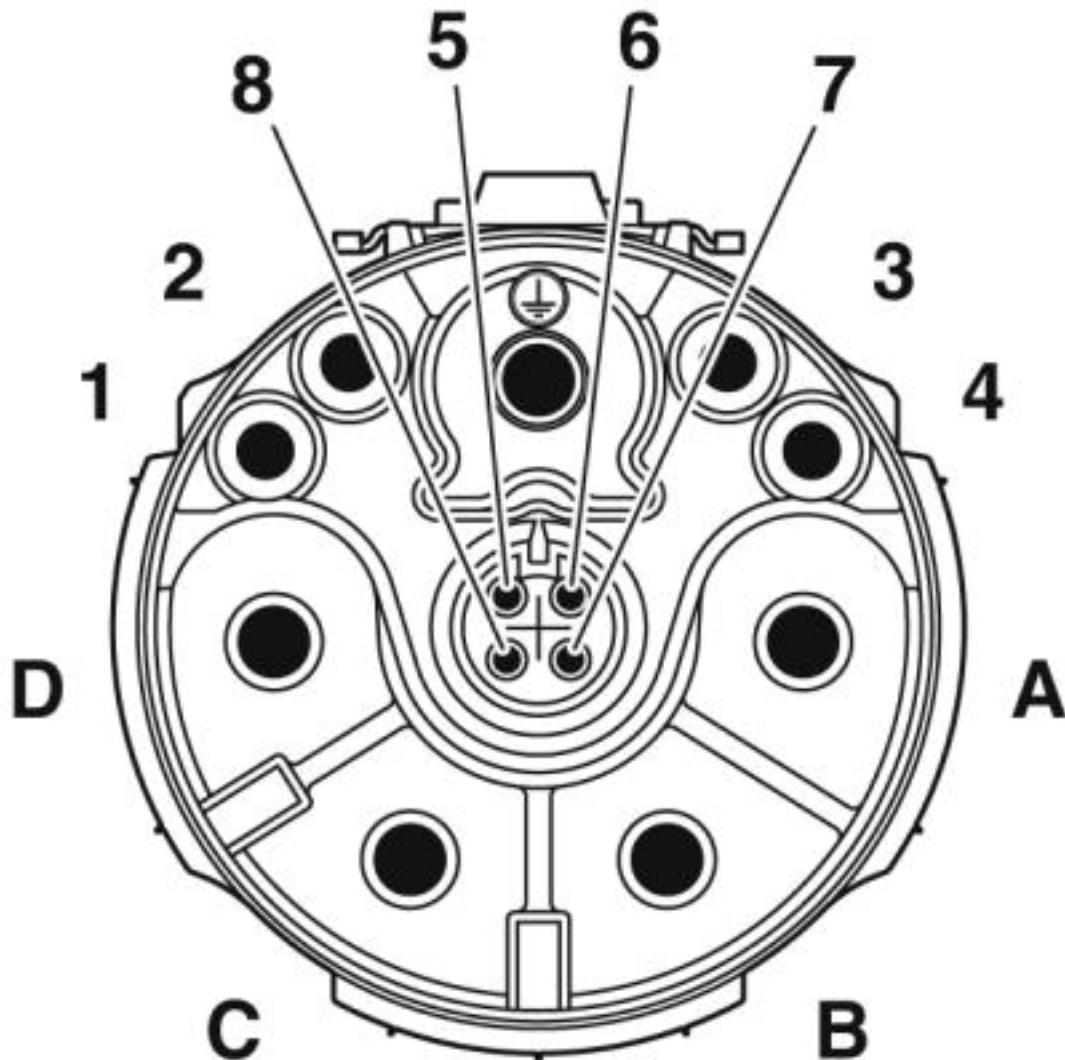
Dimensional drawing



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

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Schematic diagram



Pin assignment of pin signal, coding 2

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