PHŒNIX CONTACT

Cable connector - SB-8ESSA8A8L33S - 1623330

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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: 14 mm ... 20.5 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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 194059
GTIN	4055626194059

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 mm²

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Technical data

Data of the insulating body

Litz wire cross section of power contacts max.	16 mm²
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 VòAC
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm²
Litz wire cross section of signal contacts max.	1.5 mm²
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 mm²
Litz wire cross section, data contacts, max.	1.5 mm²
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	14 mm ... 20.5 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

Cable connector - SB-8ESSA8A8L33S - 1623330

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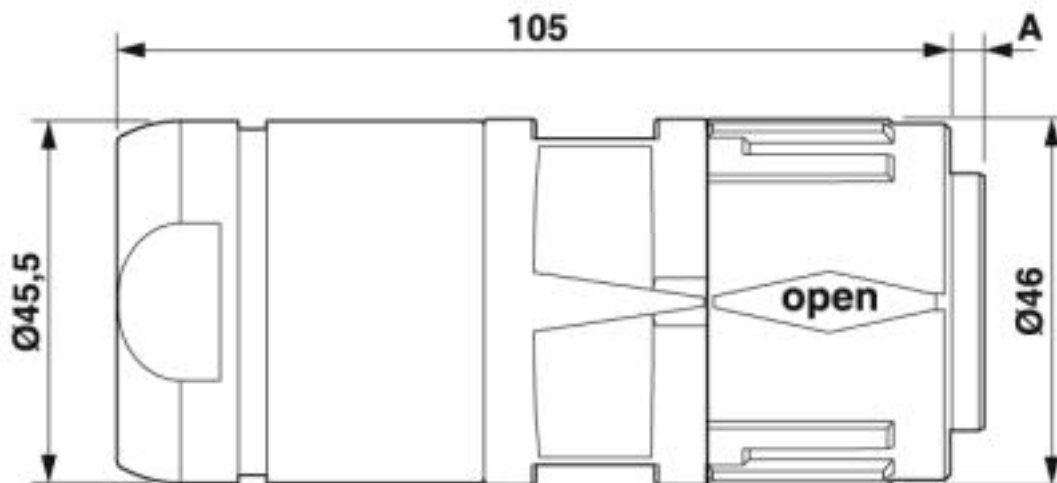
Pin version: dimension A = 4.05 mm, socket version: dimension A = 0.4 mm

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Schematic diagram
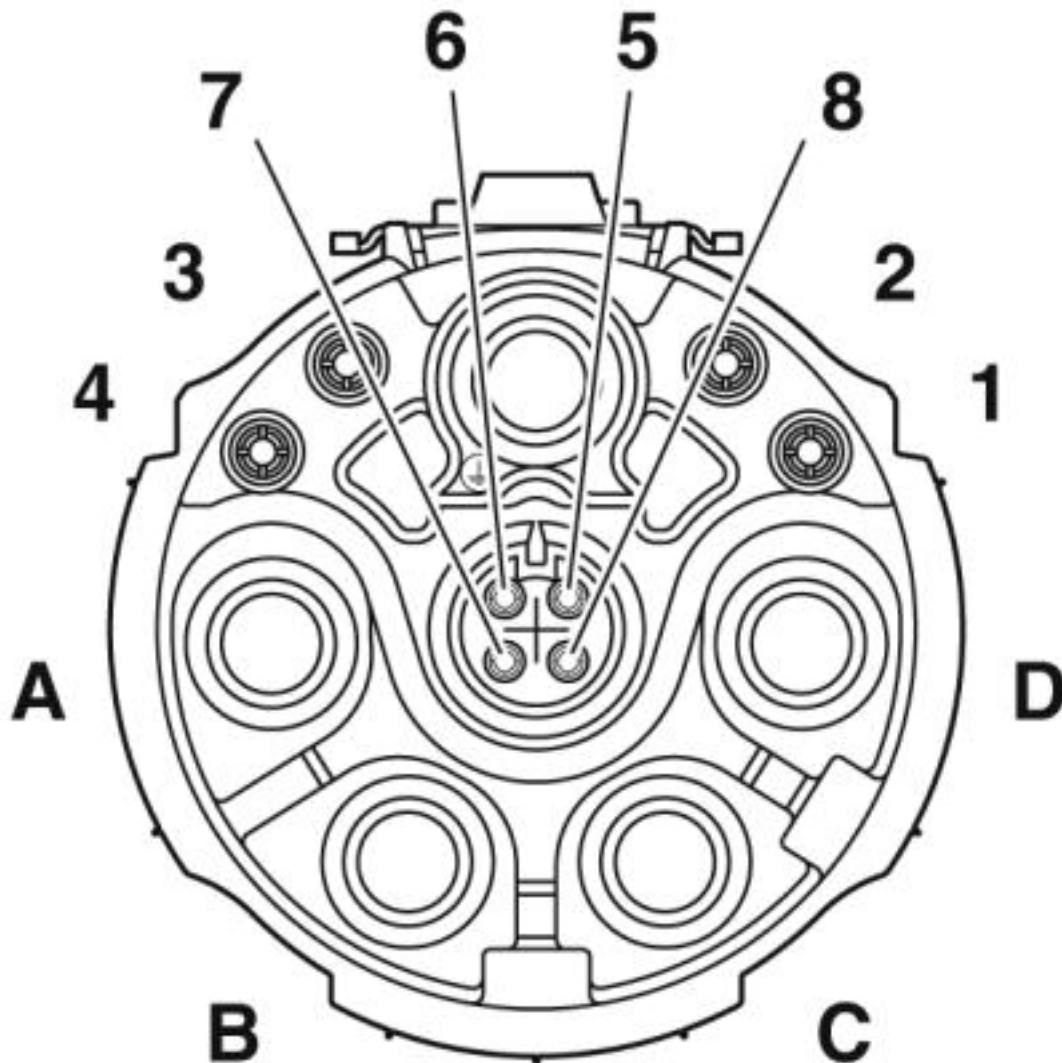
Pin assignment of socket signal, coding 1