PHŒNIX CONTACT

Device connector, rear mounting - SH-8EPS48AH000S - 1627206

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

Device connector for rear wall, straight, shielded: yes, for standard and SPEEDCON interlock, M23, No. of pos.: 8+4+PE, type of contact: Pin, Crimp connection, Flat gasket, Central fastening M26 x 1, Panel thickness min.: 1.5 mm, Panel thickness max.: 5 mm

The figure shows the product version with CAT5 interface

Your advantages

☑ All housing can be fitted with pin or socket contacts

☑ A total of eight contacts are available for signal transmission

☑ 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	4055626408217

Technical data

Temperature range

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

Data of the insulating body

Note	Order information: Crimp contacts, 8 x Ø 1 mm, 5 x Ø 2 mm, order separately
Protection against electric shock	IEC 61984 and VDE 0623
Coding	N
Insulator material	PA 6.6
Insertion/withdrawal cycles mechanical	100
Contact connection method	Crimp connection
Type of contacts	Pin
Application	Hybrid
Number of positions	13
Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm²

Device connector, rear mounting - SH-8EPS48AH000S - 1627206

Technical data

Data of the insulating body

Litz wire cross section of power contacts max.	4 mm²
Nominal current per power contact at 25°C	30 A
Rated surge voltage	6 kV
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 mm²
Nominal current per signal contact at 25°C	8 A
Rated surge voltage	1.5 kV
Rated voltage (III/3) signal contact	50 V

Housing data

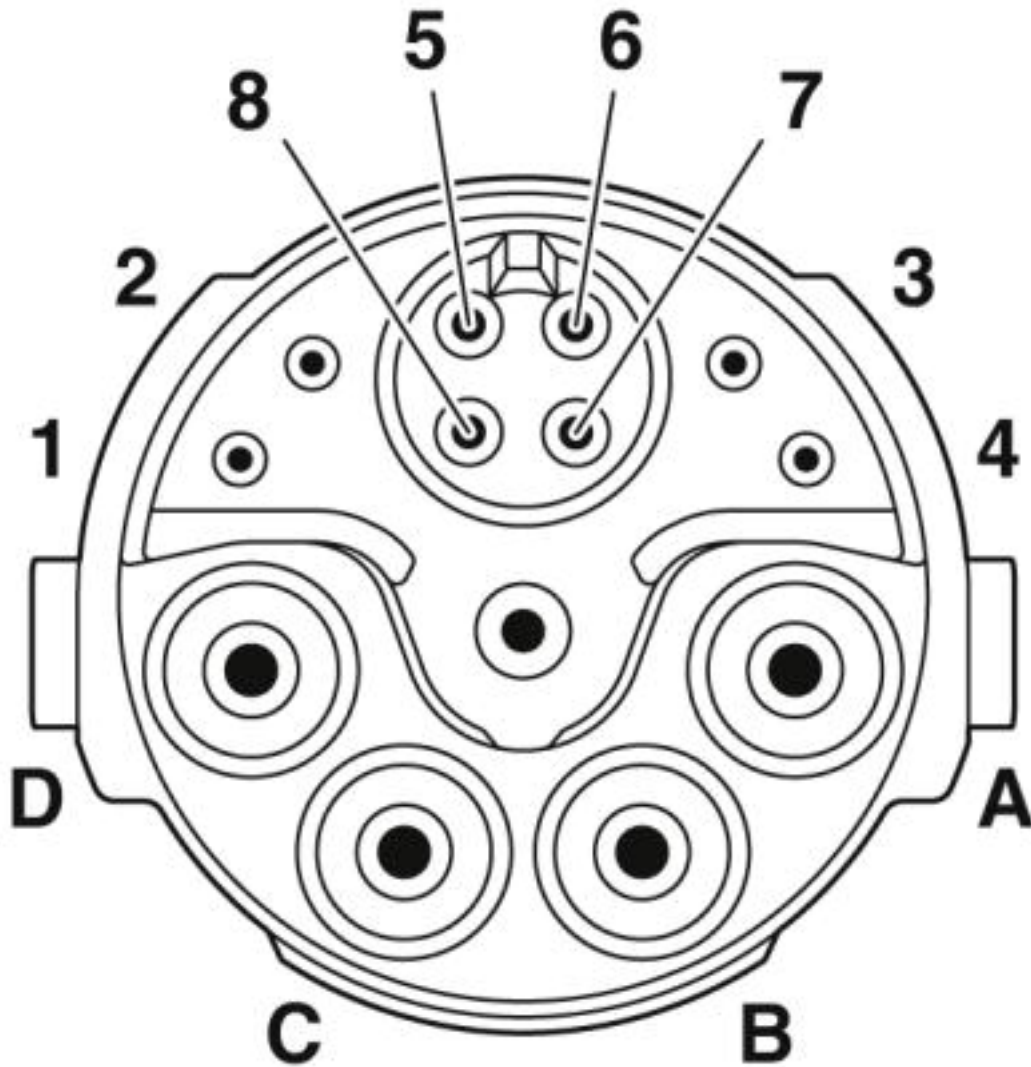|	
Housing material	CuZn
Type of locking	for standard and SPEEDCON interlock
Degree of protection (when plugged in)	IP67
Thread type	M23

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

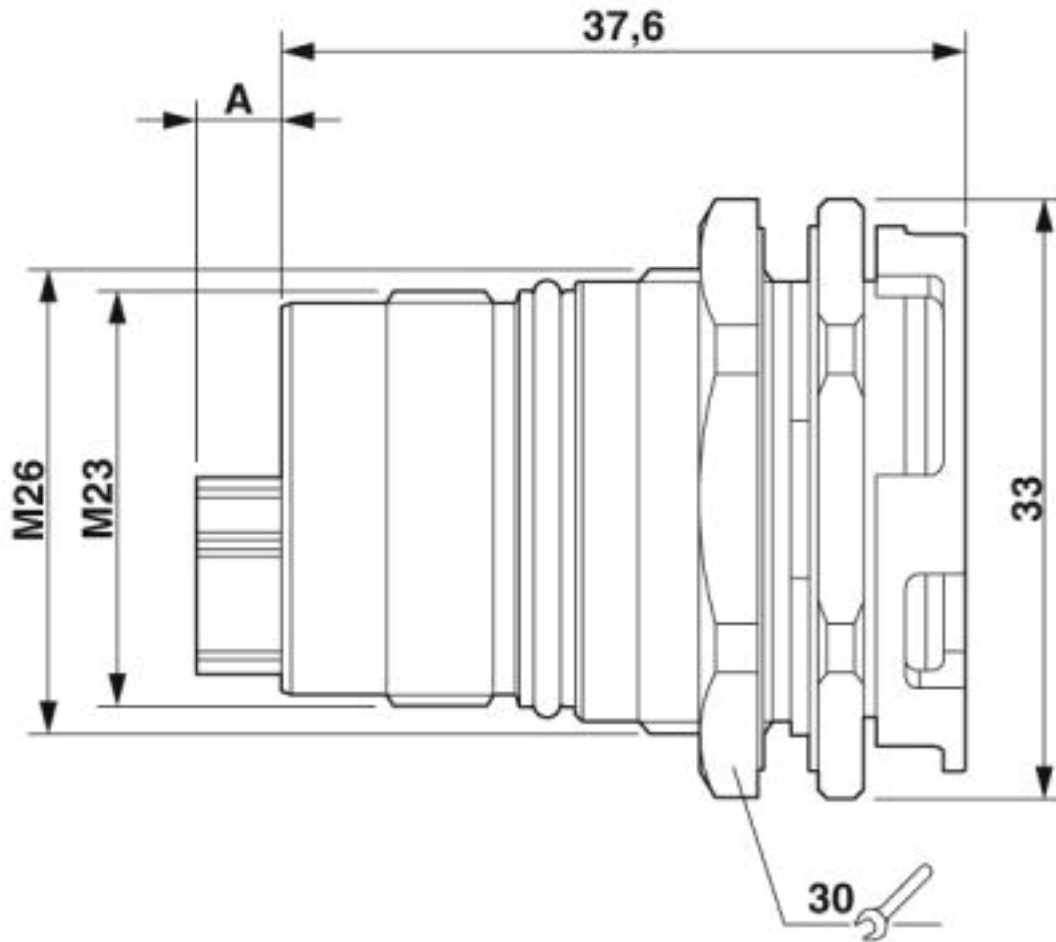# Device connector, rear mounting - SH-8EPS48AH000S - 1627206

Schematic diagram

Pin assignment of pin, signal

PHŒNIX CONTACT

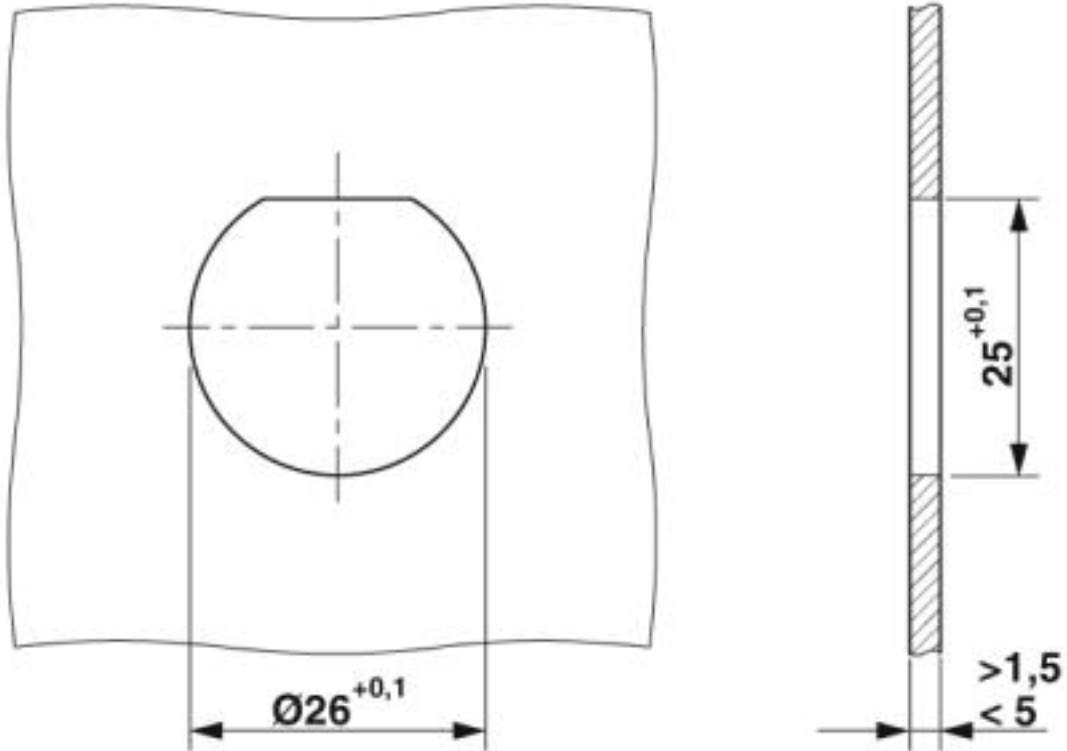# Device connector, rear mounting - SH-8EPS48AH000S - 1627206

Dimensional drawing

Pin version: dimension A = 4.7 mm, socket version: dimension A = 0 mm

PHŒNIX CONTACT

Device connector, rear mounting - SH-8EPS48AH000S - 1627206

Dimensional drawing

Ø26 +0,1

25 +0,1

>1,5
< 5

Installation dimensions