HC-26S1N1280DU - Cable connector

1590354

https://www.phoenixcontact.com/us/products/1590354

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Cable connector, application: Signal, straight, Screw locking mechanism, M27, number of positions: 26, contact connection type: Socket, shielded: yes, degree of protection: IP67, cable diameter range: 2 mm ... 14.5 mm, number of positions: 26, connection method: Solder cup, series: HC, this item is expected to be lead-free from Q3 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1590354
Packing unit	12 pc
Minimum order quantity	1 pc
Sales key	AB31
Product key	ABRAJA
GTIN	4046356186995
Weight per piece (including packing)	96.49 g
Weight per piece (excluding packing)	84.979 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Circular connector (cable-side)
Series	HC
Application	Signal
Number of positions	26
Connection profile	26
Shielded	yes
Coding	N
Thread type	M27

Material specifications

Material Housing	GD-Zn
Material Rotating parts	CuZn
Material Housing surface	Ni
Material Contact	CuZn
Material Contact surface	Au
Seal material	FPM or NBR or EPDM
Insulator material	PA66
Gasket and O-ring material	FPM

Connection data

Conductor connection

Connection method	Solder cup

Electrical properties

Contact

Contact diameter	1 mm
Min. cross section	0.08 mm²
Max. cross section	1 mm²
Nominal current I_N	8 A
Nominal voltage U_N	48 V AC
	74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	50

Connector

Type	straight
Direction of rotation	Standard

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M27

Cable/line

External cable diameter	2 mm ... 14.5 mm

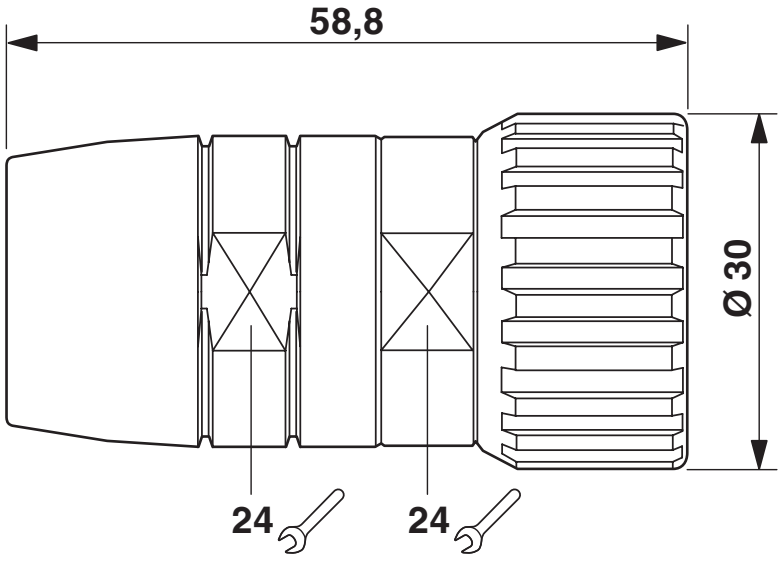
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-20 °C
Altitude	2000 m

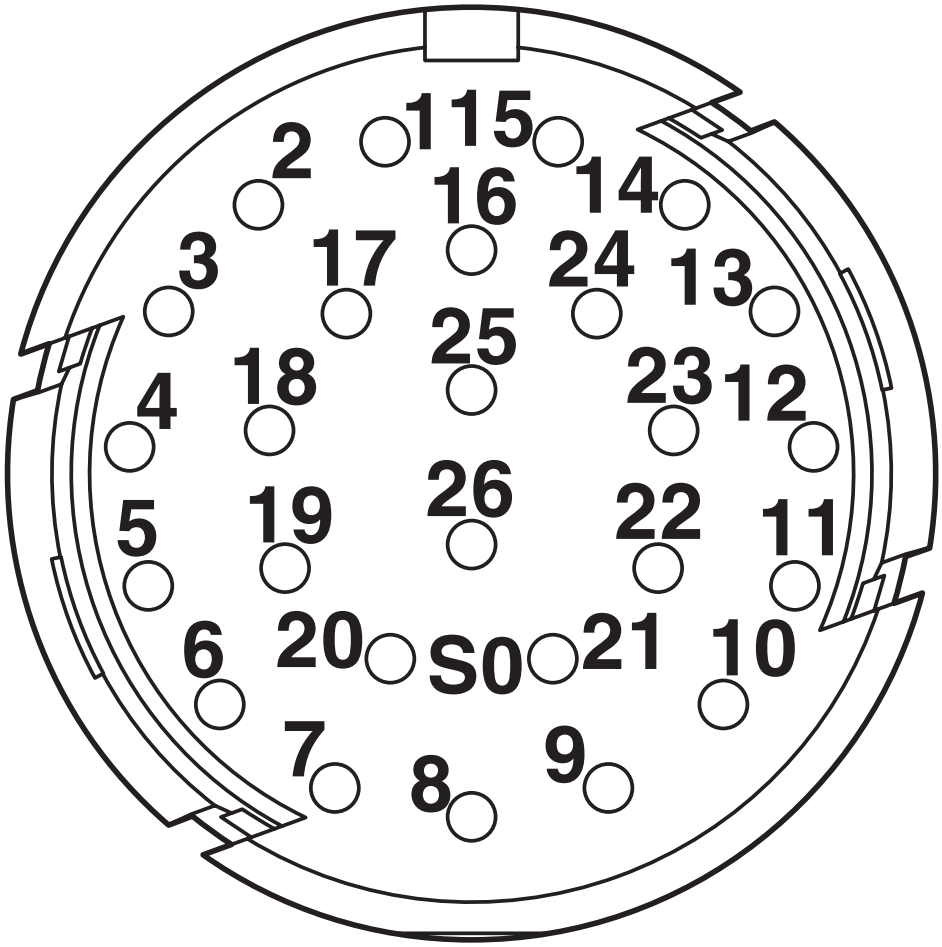
Drawings

Dimensional drawing



Dimensional drawing

Schematic diagram



Connector pin assignment

Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 10.0	EC002635

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	ad8f818f-bcb8-45d0-86fc-591867d4006f

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