

HC-26S1N12WA00 - Device connector front mounting



1590373

<https://www.phoenixcontact.com/us/products/1590373>

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Device connector front mounting, application: Signal, straight, Screw locking mechanism, M27, number of positions: 26, contact connection type: Socket, Radial O-ring, 4x Ø 3.2, shielded: yes, number of positions: 26, connection method: Solder connection, series: HC

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1590373 |
| Packing unit | 24 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | ABRAJL |
| GTIN | 4046356187121 |
| Weight per piece (including packing) | 47.43 g |
| Weight per piece (excluding packing) | 44.49 g |
| Country of origin | DE |

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Technical data

Product properties

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

Material specifications

| | |
|----------------------------|--|
| Seal material | FPM or NBR or EPDM |
| Housing material | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Insulator material | PA66 |
| Contact material | CuZn |
| Contact surface | Nickel-plated, gold coating |
| Gasket and O-ring material | FPM |

Electrical properties

Contact

| | |
|-----------------------|----------------------|
| Contact diameter | 1 mm |
| Min. cross section | 0.08 mm ² |
| Max. cross section | 1 mm ² |
| Nominal current I_N | 8 A |
| Nominal voltage U_N | 150 V |
| Overvoltage category | II |
| Degree of pollution | 3 |
| Rated surge voltage | 1.5 kV |

Connection data

Conductor connection

| | |
|-------------------------|-------------------|
| Connection method | Solder connection |
| Contact connection type | Socket |

Mechanical properties

Mechanical data

| | |
|-----------------------------|----|
| Insertion/withdrawal cycles | 50 |
|-----------------------------|----|

Connector

| | |
|------|----------|
| Type | straight |
|------|----------|

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| | |
|-----------------------|----------|
| Direction of rotation | Standard |
|-----------------------|----------|

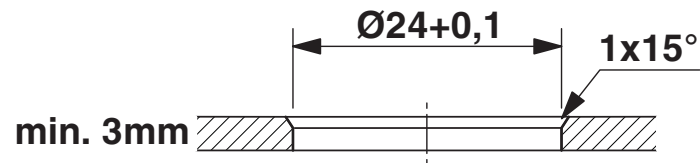
Environmental and real-life conditions

Ambient conditions

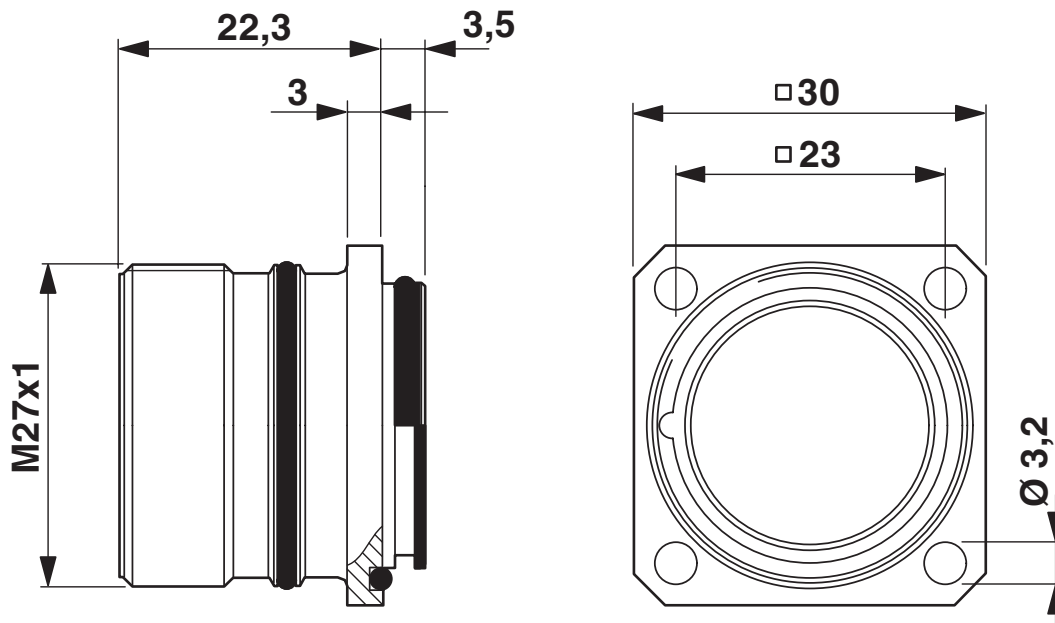
| | |
|---------------------------------|-----------------------|
| Degree of protection | IP67, when plugged in |
| Ambient temperature (operation) | -20 °C ... 125 °C |
| Altitude | 2000 m |

Drawings

Dimensional drawing



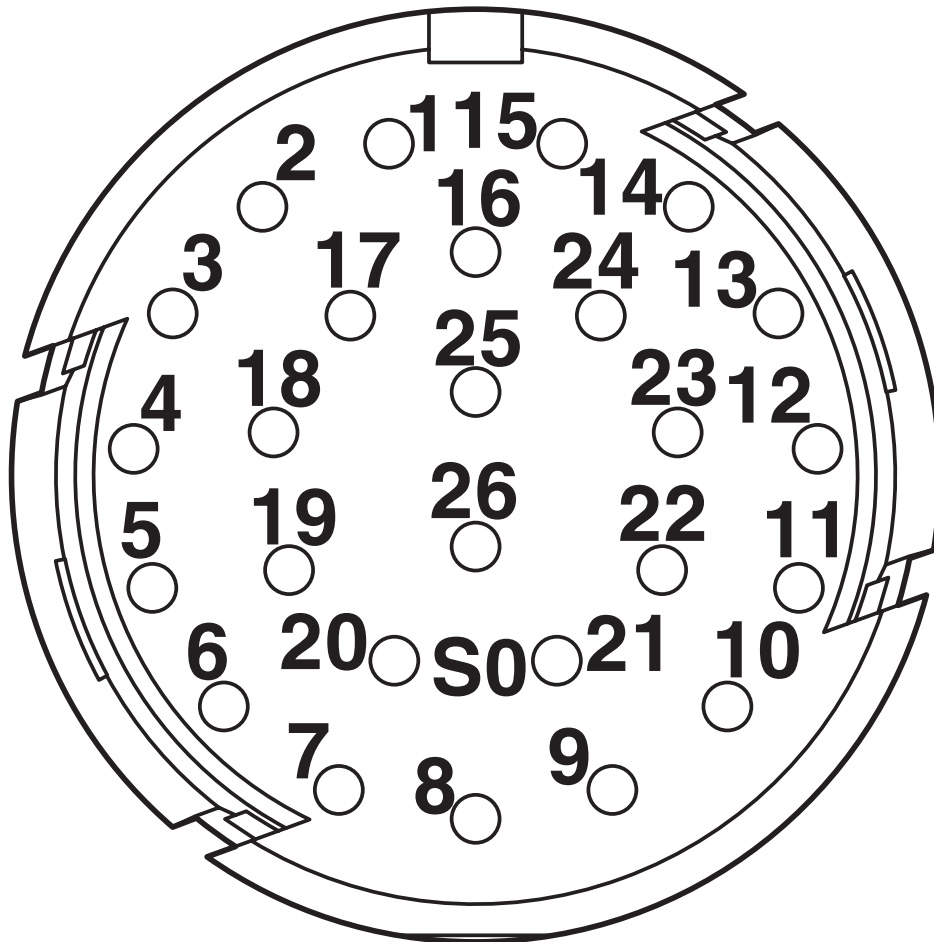
Dimensional drawing



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Schematic diagram



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