

ST-17S1N8AAE00S - Device connector front mounting



1618124

<https://www.phoenixcontact.com/us/products/1618124>

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Device connector front mounting, application: Feedback, signal, angled rotatable, SPEEDCON, M17, number of positions: 17, contact connection type: Socket, Axial O-ring, 4x Ø 3.2, shielded: yes, flange dimensions: 25 mm x 25 mm, number of positions: 17, connection method: Crimp connection, series: ST

Commercial data

Item number	1618124
Packing unit	16 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRACM
GTIN	4046356580984
Weight per piece (including packing)	63.39 g
Weight per piece (excluding packing)	63.39 g
Country of origin	DE

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Technical data

Notes

Order information:	Order crimp contacts Ø 0.6 mm separately
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Product properties

Product type	Circular connectors (device side)
Series	ST
Application	Feedback, signal Signal
Number of positions	17
Connection profile	17
Shielded	yes
Coding	N
Thread type	M17

Dimensions

Housing

Flange dimensions	25 mm x 25 mm
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Material specifications

Seal material	FPM
Housing material	Metal

Electrical properties

Contact

Contact diameter	0.6 mm
Nominal current I_N	3.6 A
Nominal voltage U_N	60 V
Overvoltage category	II
Degree of pollution	3
Rated surge voltage	1.5 kV

Connection data

Conductor connection

Connection method	Crimp connection
Contact connection type	Socket

Connector

Type	angled rotatable
Direction of rotation	Standard

Environmental and real-life conditions

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Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 125 °C
Altitude	3000 m

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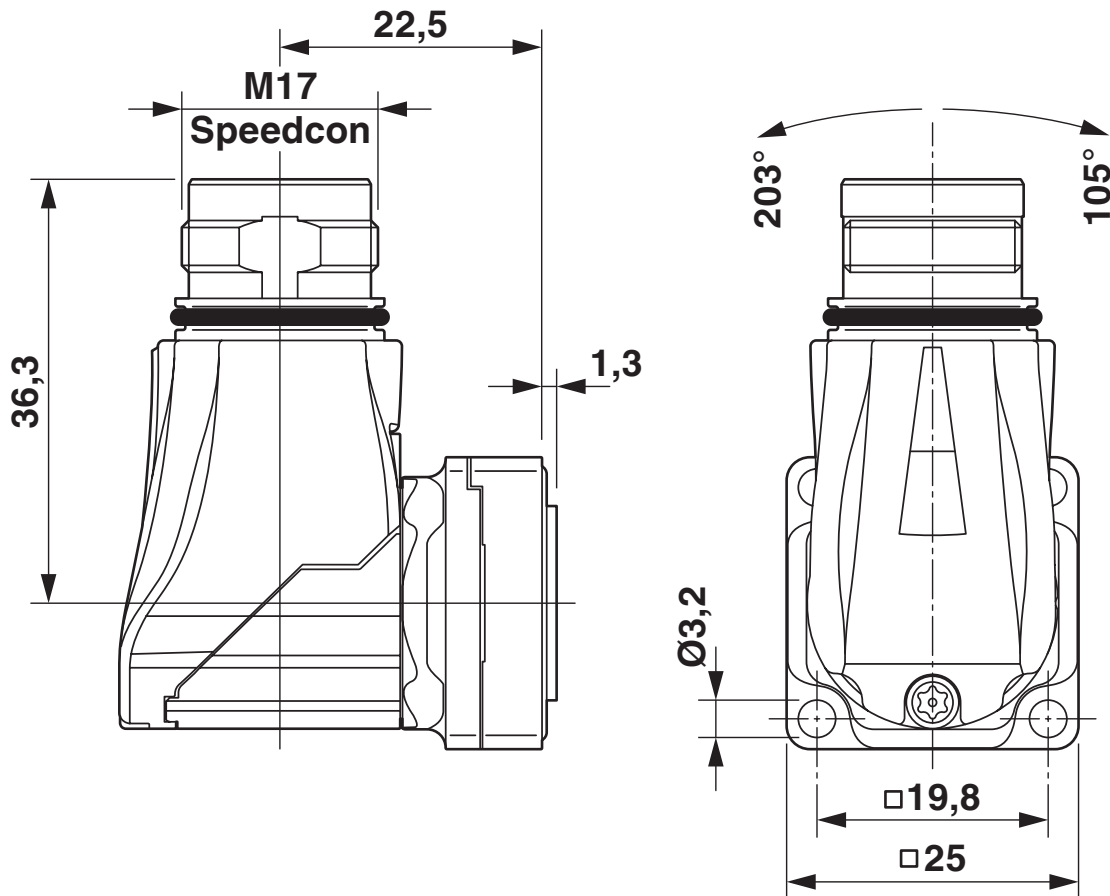


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Drawings

Dimensional drawing

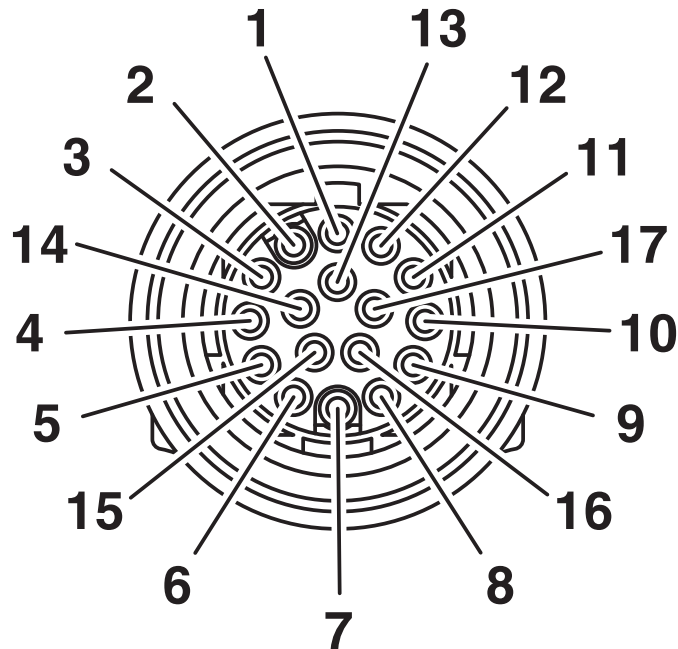


Dimensional drawing

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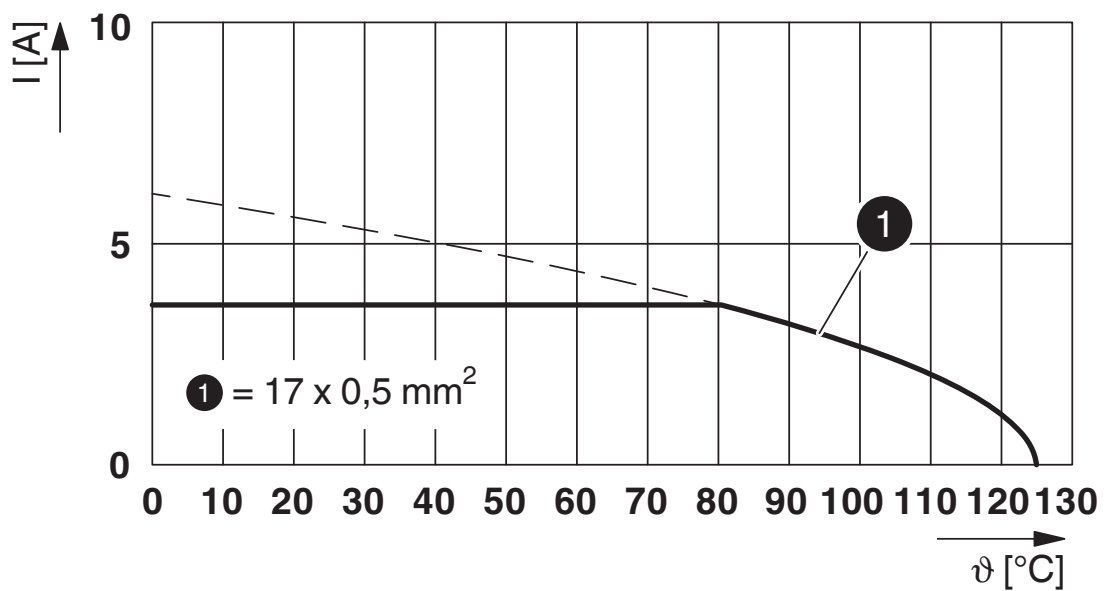
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Schematic diagram



Connector pin assignment

Diagram



I = current strength, ϑ = ambient temperature, $17 \times 3.6 \text{ A}$

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Environmental product compliance

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.)	No substance above 0.1 wt%
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