

# TU-06P1N8A9UDU - Coupler connector



1605907

<https://www.phoenixcontact.com/us/products/1605907>

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M23, Coupler connector, application: Signal, series: TU, straight, shielded: yes, Bayonet locking, No. of pos.: 6, Direction of rotation: Standard, contact connection type: Pin, Crimp connection, cable diameter range: 2 mm ... 14.5 mm, coding: N

## Commercial data

Item number	1605907
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAHG
GTIN	4046356255646
Weight per piece (including packing)	95.19 g
Weight per piece (excluding packing)	95.19 g
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connector (cable-side)
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### Connector

#### Insulating body

Note	Order information: Order crimp contacts Ø 2 mm separately
Coding	N
Material (Insulating body)	PA 6.6
Flammability rating according to UL 94	V0
Connection method	Crimp connection
Contact switching type	Pin
Application	Signal
Number of positions	6
Direction of rotation	Standard
Connection profile	6
Number (Contact group 1)	6
Contact diameter (Contact group 1)	2 mm
Rated current Contact (Contact group 1)	20 A (for max. connection cross section)
Rated voltage Contact (Contact group 1)	48 V AC 74 V DC
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing

Order information:	Order contact inserts separately
Type	Coupling housing
Thread type	M23
Design	straight
Type of locking	Bayonet locking
Pg screw connection	none
Material (Housing)	GD-Zn
Material (Housing surface)	Ni
Material (Rotating parts)	CuZn
Degree of protection (plugged in)	IP67

#### Seal

External cable diameter	2 mm ... 14.5 mm
Seal material	NBR

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## Drawings

Schematic diagram



Connector pin assignment

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