

- Mating plug with 4 contacts
- Male cable connector
- Straight design
- With strain relief and shielding
- For cable with 4 - 6 mm diameter
- Wire termination: screw clamp
- Gold-plated contacts
- UL certified

## TECHNICAL DATA

### MECHANICAL DATA

Connector Design	Cable connector
	M12-A, male
Coding	A-coded
Number of contacts	4
Connector locking system	screw
Termination	screw
Wire gauge (mm)	0.75 mm <sup>2</sup>
Wire gauge (AWG)	18
Cable outlet	4 - 6 mm
Temperature range	-40 °C to +85 °C
Weight/mass	46.17 g

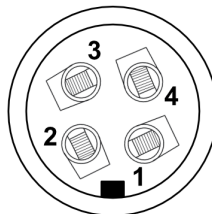
### ELECTRICAL DATA

Related voltage	250 V
Rated impulse voltage	2500 V
Rated current (40°C)	4 A
Pollution degree	3
Isolation resistance	≥ 10 <sup>8</sup> Ω
EMV-compliance	shielded
Protection class	IP67
Mechanical operation	> 100 cycles

### MATERIAL

Material of contacts	CuZn (Brass)
Contact plating	Au (Gold)
Material of contact body	PA
Housing material	Zinc die-cast nickel-plated

### ELECTRICAL CONNECTION



### ORDER CODE FORMAT

Mating plug ..... **STK4GP115**

### INSTALLATION INSTRUCTION (REFER TO NEXT PAGE)

- Bead pressing screw, pinch ring, seal and shielding ring to cable
- Dismantle cable
- Strip single wires, shorten shield and revert to shielding ring.
- Thread single wires through sleeve, mount shielding ring, seal and pinch ring. Slightly tighten pressing screw to fix the cable
- Screw on single wires: 0.4 Nm
- Screw sleeve to male/female insert
- Tighten pressing screw

**DOCUMENTATION**

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The following documents can be found in the Internet under [www.twk.de/en](http://www.twk.de/en) in the documentation area, model STK.

- Data sheet . . . . . [STK17677](#)
- Reach compliant . . . . . [QS15286](#)
- RoHS compliant . . . . . [QS13284](#)
- POP Declaration of conformity . . . . . [QS17238](#)
- CE Declaration of conformity . . . . . [ZE12467](#)
- UKCA Declaration of conformity . . . . . [ZE16569](#)

**INSTALLATION DRAWINGS**

**MODEL STK4GP115**

Dimensions in mm

