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Title: CONEC 7/8"-Connectors wire cross section 2,5 mm²-AWG14



Caption: CONEC 7/8"-Connectors wire cross section 2,5 mm²-AWG14

For many years, circular 7/8"-connectors have been available for the requirements of the American market. In addition to overmoulded cable connectors, the product portfolio also includes field-attachable-connectors as well as flange connectors with strands or for direct PCB assembly.

In order to meet the increased demands for higher power transmission, the product portfolio of the 7/8" connectors has been developed with new variants of connectors overmoulded and sockets with wire connection. These versions have a stranded cross-section of 2.5 mm² instead of 1.5 mm², which gives a current load capacity of 16 A at an ambient temperature of 40°C.

The overmoulded connectors are available in axial and angled design with 2+PE as well as 4+PE and PVC as well as TPU cables. The flange connectors with strands are available in axial form for front panel mounting (male & female) and back panel mounting (male), whereby other flange variants can also be offered on request.

Benefits:

- High power transmission
- Degree of protection IP67 (Sockets)
- Degree of protection IP68 (Connectors overmoulded)

Fields of application:

- Automation technology
- Industrial interfaces
- Agricultural and construction machines
- Machine manufacturing
- Process control
- Transport industry

In case of publication we would appreciate a specimen copy, preferably as PDF file.



Productdetails:

Merkmale/ Characteristics	2-pol./ pos. + PE	4-pol./ pos. + PE	2-pol./ pos. + PE	4-pol./ pos. + PE
Montageart/ Termination	Frontmontage/ Front panel mounting		Hinterwandmontage/ Back panel mounting	
Kupplung/ Female Connector	✓	✓		
Stecker/ Male connector	✓	✓	✓	✓
Ausführung/ Configuration	axial			
Bemessungsspannung/ Rated voltage	300 V			
Strombelastbarkeit/ Current rating	16 A			
Anschlussquerschnitt/ Terminal cross section	AWG 14			
Litzenmaterial/ Wire material	PVC			
Schutzart/ Degree of protection	IP67			

Merkmale/ Characteristics	2-pol.+PE/ pos.	4-pol.+PE/ pos.
Kupplung/ Female connector		✓
Stecker/ Male connector		✓
Ausführung/ Configuration	axial gewinkelt/ angled	
Bemessungsspannung/ Rated voltage	300 V	
Strombelastbarkeit/ Current rating	16 A	
Anschlußquerschnitt/ Terminal cross section	bis/ up to 2,5 mm ²	
Kontaktbeschichtung/ Contact plating	Gold über Nickel/ Gold over nickel	
Schutzart/ Degree of protection	IP68 im geschraubten Zustand/ in mated condition	
Leitungsqualität/ Cable quality	TPU	

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