

## The standard range – Plastic-molded signal connectors

		Right side														
Male contacts		Free cable end			M16 KPV series			M17 KST series			M23 KRC series			M27 KHC series		
Left side	Female contacts															
		No. Pos.	Length	Order No.	No. Pos.	Length	Order No.	No. Pos.	Length	Order No.	No. Pos.	Length	Order No.	No. Pos.	Length	Order No.
	M16 KPV series	10 pos.	5 m	1609202	14 pos.	2 m	1609220									
		14 pos.	5 m	1609220	14 pos.	2 m	1609220									
		14 pos.	10 m	1609221	14 pos.	3 m	1591531									
	M17 KST series	17 pos.	2 m	1624780				17 pos.	2 m	1624778						
		17 pos.	5 m	1624781				17 pos.	5 m	1624783						
		17 pos.	10 m	1624782				17 pos.	10 m	1624784						
	M23 KRC series	12 pos.	5 m	1590973							12 pos.	3 m	1590943			
		17 pos.	2 m	1614757							17 pos.	1 m	1591052			
		19 pos.	2 m	1591127							19 pos.	2 m	1617860			
	M27 KHC series	26 pos.	1 m	1591386										26 pos.	0.5 m	1591395
		26 pos.	10 m	1614221										26 pos.	2 m	1624803
		28 pos.	2 m	1615955										28 pos.	1 m	1609135

## The standard range – Plastic-molded power connectors

		Right side											
Male contacts		Free cable end			M17 KST series			M23 KSF series			M23 energy distributor KSF series		
Left side	Female contacts												
		No. pos.	Length	Order No.	No. pos.	Length	Order No.	No. pos.	Length	Order No.	Type of contacts / No. pos.	Order No.	
	M17 KST series	7+PE	2 m	1624785	7+PE	2 m	1624787				Male – Female – Female		
		7+PE	5 m	1624786	7+PE	5 m	1624788				3+PE	1624800	
		7+PE	10 m	1624792	7+PE	10 m	1624789				Male – Female – Female		
	M23 KSF series	3+PE	2 m	1624771				3+PE	2 m	1624773			
		3+PE	5 m	1619622				3+PE	5 m	1619606			
		3+PE	10 m	1624772				3+PE	10 m	1624774			
		4+3+PE	2 m	1624769				4+3+PE	2 m	1624776			
		4+3+PE	5 m	1623104				4+3+PE	5 m	1624790			
		4+3+PE	10 m	1624770				4+3+PE	10 m	1624791			

The connectors are designed with sturdy, halogen-free PUR molding and have protection class IP67. We will do our best to accommodate any individual customer wishes going beyond the standard range, and process cable types fit for drag chains or resistant to welding sparks, for example.

## Plastic-molded circular connectors M16 – M27

**Fax-Hotline: +49 (0) 70 32/92 74 -330**

I would like more information about the following plastic-molded circular connectors:

Plastic-molded signal connectors

Plastic-molded power connectors

Customer-specific versions

Name

Company

Department

Address/P.O. Box

Zip code/City or town

Phone/Fax

e-mail

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**CONINVERS**  
A Company of the Phoenix Contact Group

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## Plastic-molded circular connectors M16 – M27

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# Industrial cabling (IP67) for signals and power

Plastic-molded circular connectors for industrial use offer the user an inexpensive solution for the electrical connection of machines and systems. The standard range is available with different numbers of positions and cable lengths. With this, sturdy and secure cabling is available for a multitude of signal and power applications.

With 6 to 28 positions available and transmission capacities up to 30 amps at 630 volts, the plastic-molded circular connectors provide a product range which will meet your needs.



## Circular connectors M16 – M58 for assembly

Circular connectors for free assembly are available to you for flexible connections. The extensive product range for versatile signal and power applications is available with 6 to 28 positions.

## Decentralized power distribution

As a supplement to the range of plastic-molded M23 power connectors of the KSF series, power couplers provide an ideal option for distributing electrical energy in the field. The energy distributors are completely assembled and ready to connect.

## Customer-specific versions and assemblies

We produce customer-specific versions which go beyond the standard range. For adaptation to the respective application, appropriate cable lengths and types are used. Depending on customer requirements, different assemblies and color codes are realized on the plastic-molded connectors. This allows the product to be personalized.

## Power connectors

### M17 – KST series

- Standard cable assemblies or according to customer specifications.
- Can transmit power up to 20 A / 630 V.
- Cable diameters up to approx. 13 mm, PUR molding on one or both sides.
- Number of positions: 3+PE, 5+PE, 6+PE, 7+PE, 5+3+PE.
- Housing: Straight cable connector and cable connecting receptacle. All housings are available with either pin or socket contacts.

### M23 – KSF series

- Standard cable assemblies or according to customer specifications.
- Can transmit power up to 30 A / 630 V.
- Cable diameters up to approx. 18 mm, PUR molding on one or both sides.
- Number of pos.: 3+PE, 4+PE, 5+PE, 4+3+PE, 5+3+PE.
- Housing: Straight cable connector and cable connecting receptacle
- Energy distributor with standard assembly 3+PE or 4+PE.

## Signal connectors

### M16 – KPV series

- Standard cable assemblies or according to customer specifications.
- PUR molding at one or both sides.
- Number of positions: 8, 10, 12, 14.
- Housing: Straight/angled cable connector and cable connecting receptacle.

### M17 – KST series

- Standard cable assemblies or according to customer specifications.
- Cable diameters up to approx. 13 mm, PUR molding on one or both sides.
- Number of positions: 17.
- Housing: Straight cable connector and cable connecting receptacle. All housings are available with either pin or socket contacts.

### M23 – KRC series

- Standard cable assemblies or according to customer specifications.
- Cable diameters up to approx. 13 mm, PUR molding on one or both sides.
- Number of pos.: 6, 7, 6+3, 8+1, 11+PE, 12, 16, 17, 16+3, 16+2+PE.
- Housing: Straight/angled cable connector and cable connecting receptacle. All housings are available with either pin or socket contacts.

### M27 – KHC series

- Standard cable assemblies or according to customer specifications.
- Cable diameters up to approx. 13 mm, PUR molding on one or both sides.
- Number of positions: 25+PE, 26, 28.
- Housing: Straight/angled cable connector, straight cable connecting receptacle. All housings are available with either pin or socket contacts.

### Bayonet – KTU series

- Cable assemblies according to customer specifications.
- Cable diameters up to approx. 13 mm, PUR molding on one or both sides.
- Number of pos.: 6, 7, 6+3, 8+1, 11+PE, 12, 16, 17, 16+3, 16+2+PE.
- Housing: Straight/angled cable connector, straight cable connecting receptacle. All housings are available with either pin or socket contacts.

