

M16 powerfast Cordset Specifications

Mechanical

Mold material/Color:	PUR/Black
Contact carrier material:	PUR
Coupling nut material:	
Standard:	Nickel plated brass
Additional options:	Nylon 316 stainless steel
Environmental protection:	IEC IP67
Temperature rating:	-40 to +90°C (-40 to +194°F)

Electrical

Contact material:	Brass or copper with gold plating
Cable jacket material/Color:	TC-ER PVC/Black
Ratings:	15-18 Amps, 600 V



M16 powerfast Receptacle Specifications

Mechanical

Contact carrier material:	PUR
Housing material/Plating:	
Standard:	Nickel plated brass
Additional options:	316 stainless steel
O-Ring material:	Nitrile (BUNA N)
Environmental protection:	IEC IP67
Temperature rating:	-40 to +105°C (-40 to +221°F)

Electrical

Contact material:	Brass or copper with gold plating
Conductor insulation:	PVC
Ratings:	15-18 Amps, 600 V



M16 powerfast Field Wireable Specifications

Mechanical

Housing material/Color:	Glass filled nylon or PVC/Black
Contact carrier material:	PUR
Coupling nut material:	
Standard:	Nickel plated brass
Additional options:	Nylon 316 stainless steel
Environmental protection:	NEMA 6P and IEC IP67
Temperature rating:	-40 to +90°C (-40 to +194°F)

Electrical

Contact material:	Brass or copper with gold plating
Ratings:	15-18 Amps, 600 VAC

M16 powerfast Cordset Selection Matrix

			1 	2 	3 	4 
			Straight Female	Straight Male	Right Angle Female	Right Angle Male
Pins	AWG	Current Rating	TC-ER	TC-ER	TC-ER	TC-ER
2	12	18 Amps	BKM 22-380-*	BSM 22-380-*	BKWM 22-380-*	BSWM 22-380-*
3	14	15 Amps	BKM 34-198-*	BSM 34-198-*	BKWM 34-198-*	BSWM 34-198-*
4	14	15 Amps	BKM 44-193-*	BSM 44-193-*	BKWM 44-193-*	BSWM 44-193-*

Pins	AWG	Current Rating	SHIELDED TC-ER	SHIELDED TC-ER
2	12	18 Amps	BKMS 22-1759-*	BSMS 22-1759-*
3	14	15 Amps	BKMS 34-1364-*	BSMS 34-1364-*
4	14	15 Amps	BKMS 44-1363-*	BSMS 44-1363-*

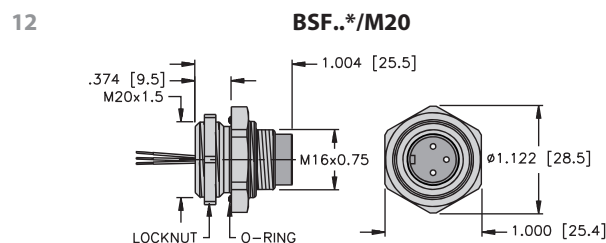
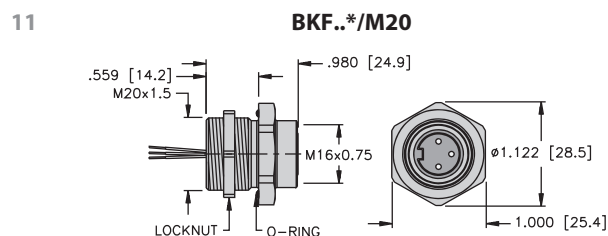
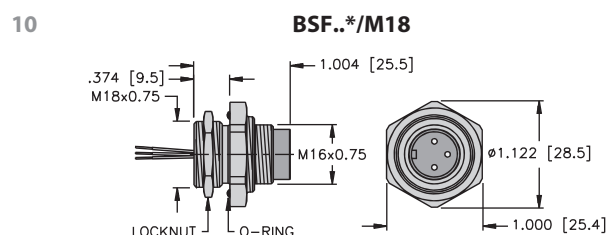
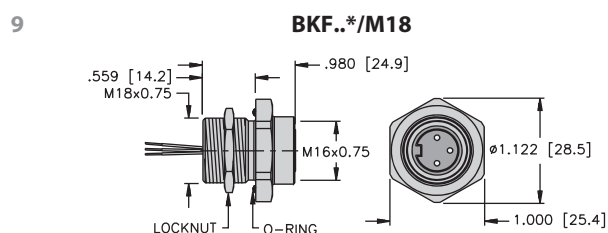
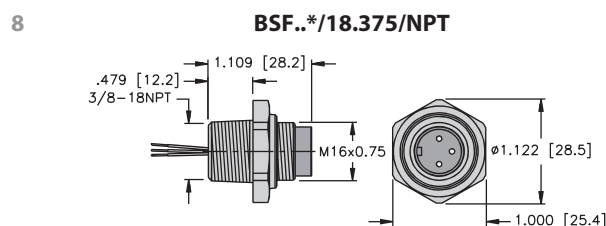
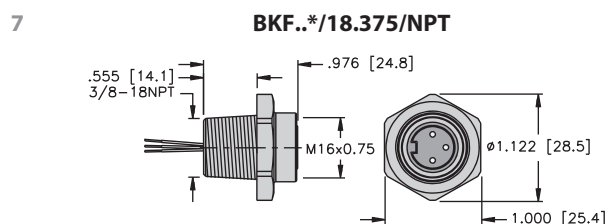
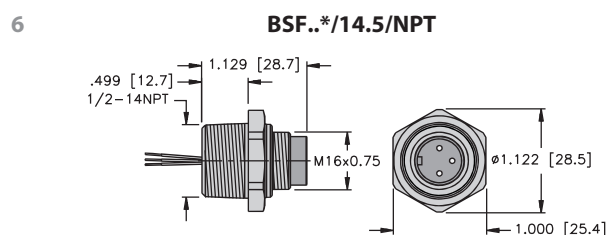
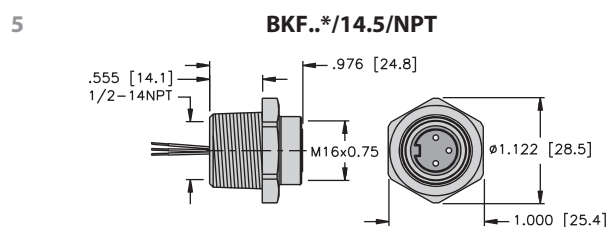
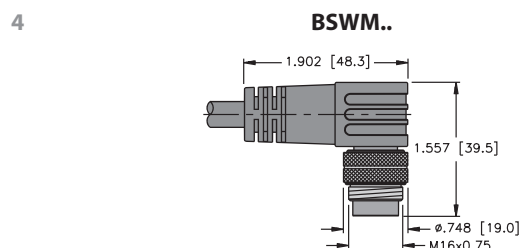
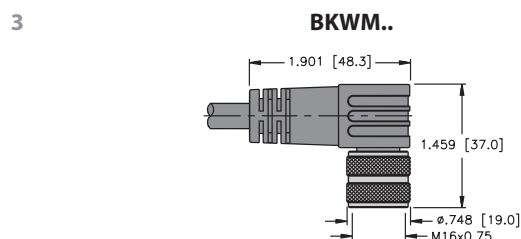
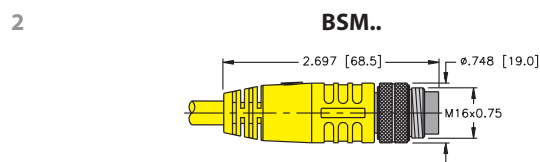
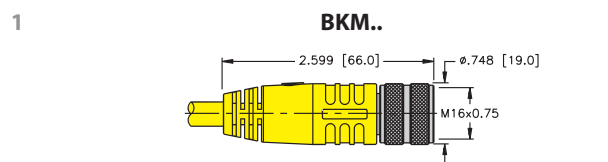
See pages 30-31 for dimensional drawings.

* Length in meters. Standard cable lengths are 2, 5 and 10 meters. Consult factory for other lengths.

Note: Extension cables are available, please consult Part Number Key (page 26).

Standard coupling nut material is nickel plated brass. Consult Part Number Key (page 26) for nylon and 316 stainless steel options.

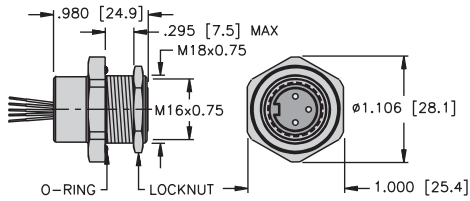
M16 powerfast Cordset, Receptacle and Field Wireable Dimensions



M16 powerfast Cordset, Receptacle and Field Wireable Dimensions

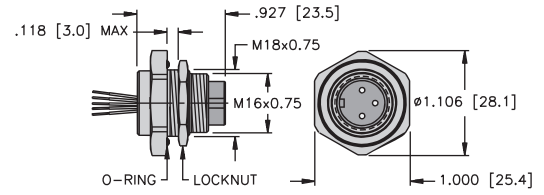
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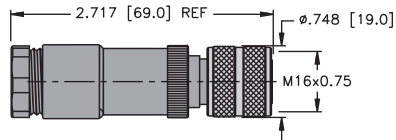
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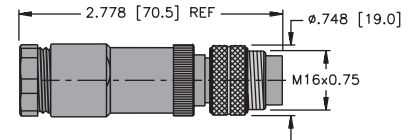
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BK..



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BS..



M16 powerfast Cordset, Receptacle and Field Wireable Pinouts

2-Pin		Pinouts
Female	Male	
		1. WH 2. BK

3-Pin		Pinouts
Female	Male	
		1. WH 2. GN 3. BK

4-Pin		Pinouts
Female	Male	
		1. WH 2. GN 3. BK 4. RD