

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 °C to +90 °C (-40 °F 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 °C to +105 °C (-40 °F 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 °C to +90 °C (-40 °F 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	SHIELDED TC-ER	SHIELDED TC-ER
2	12	18 Amps	BKMS 22-1759-*	BSMS 22-1759-*	BKWMS 22-1759-*	BSWMS 22-1759-*
3	14	15 Amps	BKMS 34-1364-*	BSMS 34-1364-*	BKWMS 34-1364-*	BSWMS 34-1364-*
4	14	15 Amps	BKMS 44-1363-*	BSMS 44-1363-*	BKWMS 44-1363-*	BSWMS 44-1363-*

We reserve the right to make technical alterations without prior notice.

2 and 3-Wire Receptacles, Front Mount, 1/4-18 NPT Threads

Front Mount			5	6	7	8
						
			Female	Male	Female	Male
Pins	AWG	Current Rating	1/2-14 NPT Mounting Thread	1/2-14 NPT Mounting Thread	3/8-18 NPT Mounting Thread	3/8-18 NPT Mounting Thread
2	12	18 Amps	BKF 22-*/14.5/NPT	BSF 22-*/14.5/NPT	BKF 22-*/18.375/NPT	BSF 22-*/18.375/NPT
3	14	15 Amps	BKF 34-*/14.5/NPT	BSF 34-*/14.5/NPT	BKF 34-*/18.375/NPT	BSF 34-*/18.375/NPT
4	14	15 Amps	BKF 44-*/14.5/NPT	BSF 44-*/14.5/NPT	BKF 44-*/18.375/NPT	BSF 44-*/18.375/NPT

Front Mount			9	10	11	12
						
			Female	Male	Female	Male
Pins	AWG	Current Rating	M18 Mounting Thread	M18 Mounting Thread	M20 Mounting Thread	M20 Mounting Thread
2	12	18 Amps	BKF 22-*/M18	BSF 22-*/M18	BKF 22-*/M20	BSF 22-*/M20
3	14	15 Amps	BKF 34-*/M18	BSF 34-*/M18	BKF 34-*/M20	BSF 34-*/M20
4	14	15 Amps	BKF 44-*/M18	BSF 44-*/M18	BKF 44-*/M20	BSF 44-*/M20

Front Mount			13	14
				
			Female	Male
Pins	AWG	Current Rating	M18 Mounting Thread	M18 Mounting Thread
2	12	18 Amps	BKFD 22-*/M18	BSFD 22-*/M18
3	14	15 Amps	BKFD 34-*/M18	BSFD 34-*/M18
4	14	15 Amps	BKFD 44-*/M18	BSFD 44-*/M18

See pages 32-33 for dimensional drawings.

* Length in meters. Standard lead length is 0.5 meters. Consult factory for other lengths.

Note: Standard housing material is nickel plated brass. Consult Part Number Key (page 27) for 316 stainless steel options.

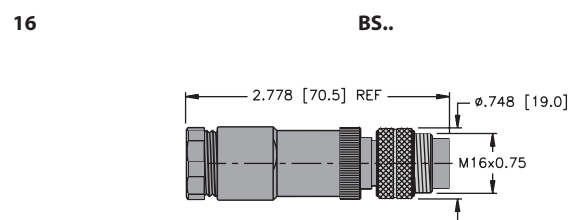
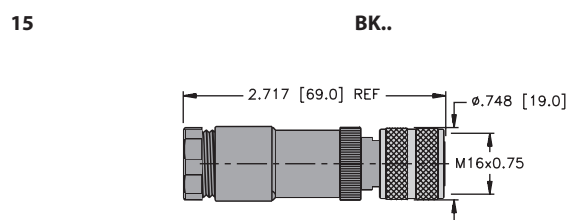
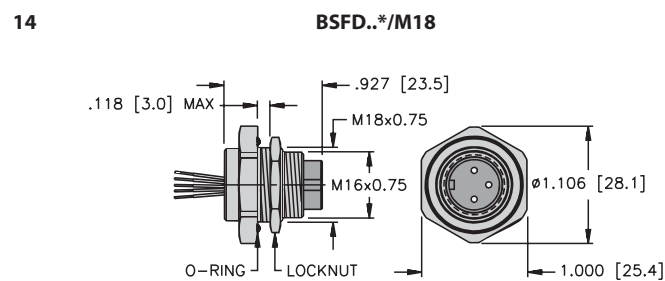
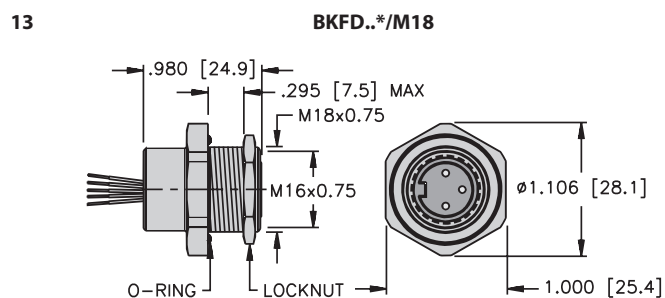
M16 Powerfast Field Wireable Selection Matrix

			15	16
				
			Straight Female, PG 11 Cable Gland Accepts 8-11 mm Cable Diameter	Straight Male, PG 11 Cable Gland Accepts 8-11 mm Cable Diameter
Pins	Acceptable Conductor AWG	Current Rating	Screw Terminal	Screw Terminal
2	12	18 Amps	BK 22-0	BS 22-0
3	14	15 Amps	BK 34-0	BS 34-0
4	14	15 Amps	BK 44-0	BS 44-0

See page 33 for dimensional drawings.

* Note: Standard coupling nut material is nickel plated brass. Consult factory for nylon and 316 stainless steel options.

M16 Powerfast Cordset, Receptacle and Field Wireable Dimensions



M16 Powerfast Cordset, Receptacle and Field Wireable Pinouts

