

Part Number Keys	N4
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Features

- Cables that meet the requirements of Foundation fieldbus FF-844 Type A Cable
- ITC/PLTC listed cable (CSA FT4)
- Expose Run (ER) and Direct Buried (DB) listed cable
- Oil resistant II and sunlight resistant
- 7/8 and M12 connectors
- Up to 9 Amps and 600 Volt rated
- IP67/IP69K rated



FOUNDATION fieldbus General Specifications

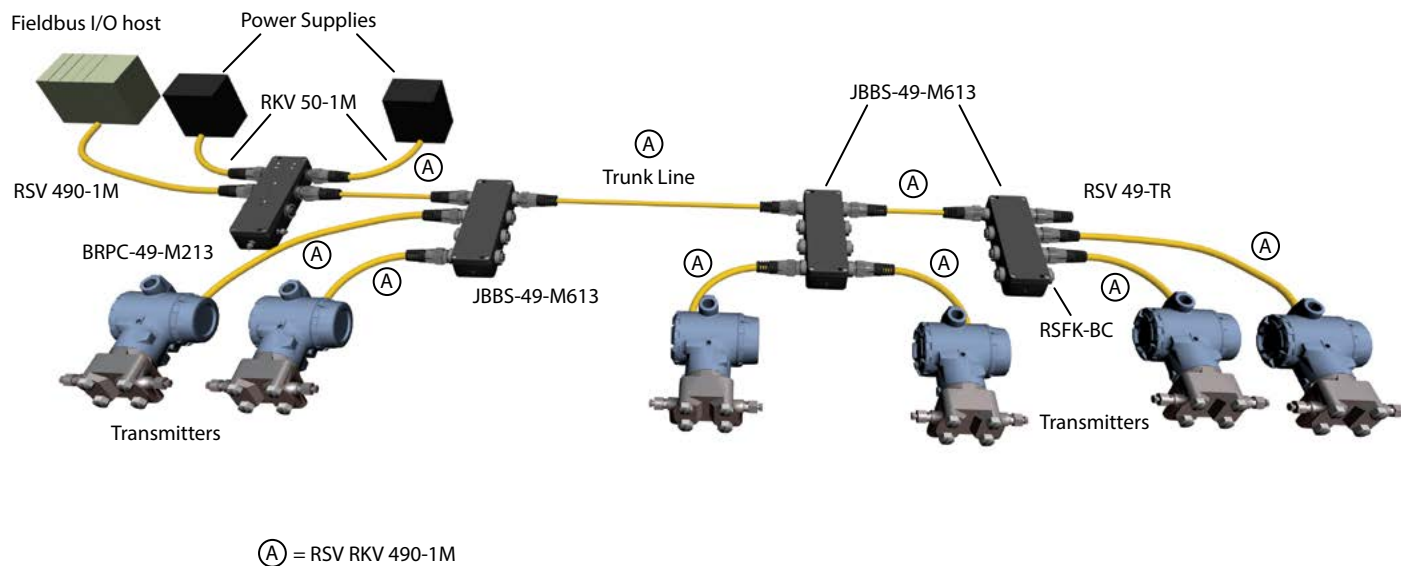
FOUNDATION fieldbus is a communication protocol and physical method to interconnect smart devices such as temperature transmitters, pressure transmitters and valve actuators. The physical layer conforms to ISA SP50.02 and IEC 1158-2 standards for fieldbuses.

Fieldbus technology allows many smart devices to share one communication medium. The digital communication signal is superimposed onto a DC carrier. This reduces the amount of terminations to connect all the field devices to a host system and allows greater flexibility for future additions of I/O points.

A FOUNDATION fieldbus device is addressable and can store and transmit data. The devices can store values, track changes and use pre-set alarms to trigger. Based on pre-defined tag names, host systems can read transmitter values such as temperature and pressure to set values of a valve actuator.

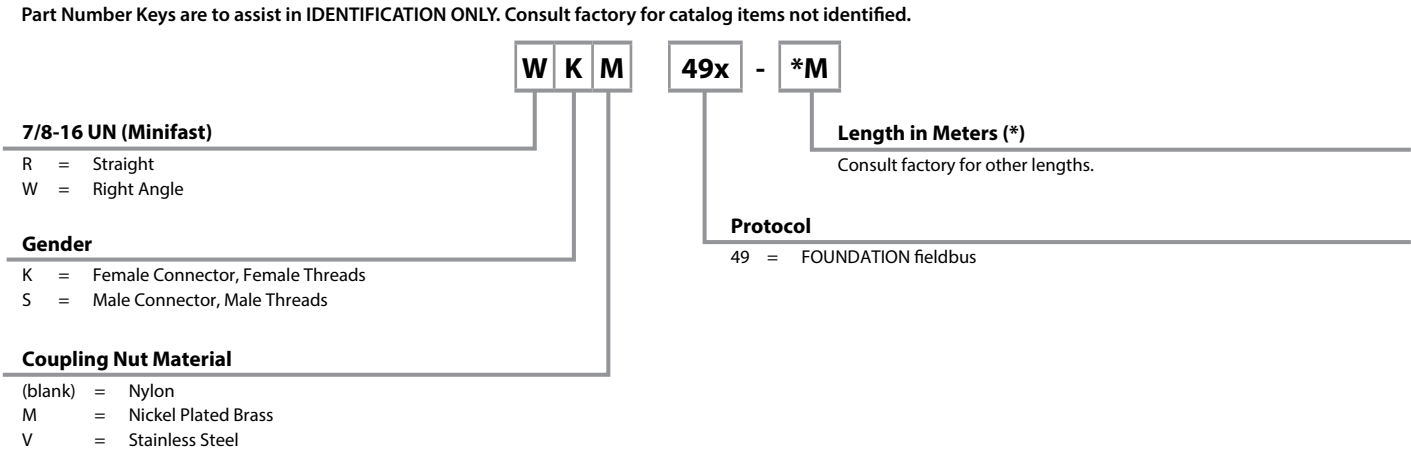
Digital signal encoding is done using Manchester BiPhase-L and error checking is done with the CRC method. FOUNDATION fieldbus has two types of devices - A Basic Device (BD) which reads inputs, track values and set outputs if programmed to do so, and a Link Active Scheduler (LAS) which performs the same features as a BD and handles network communication timing between all the active devices on the network.

Topology

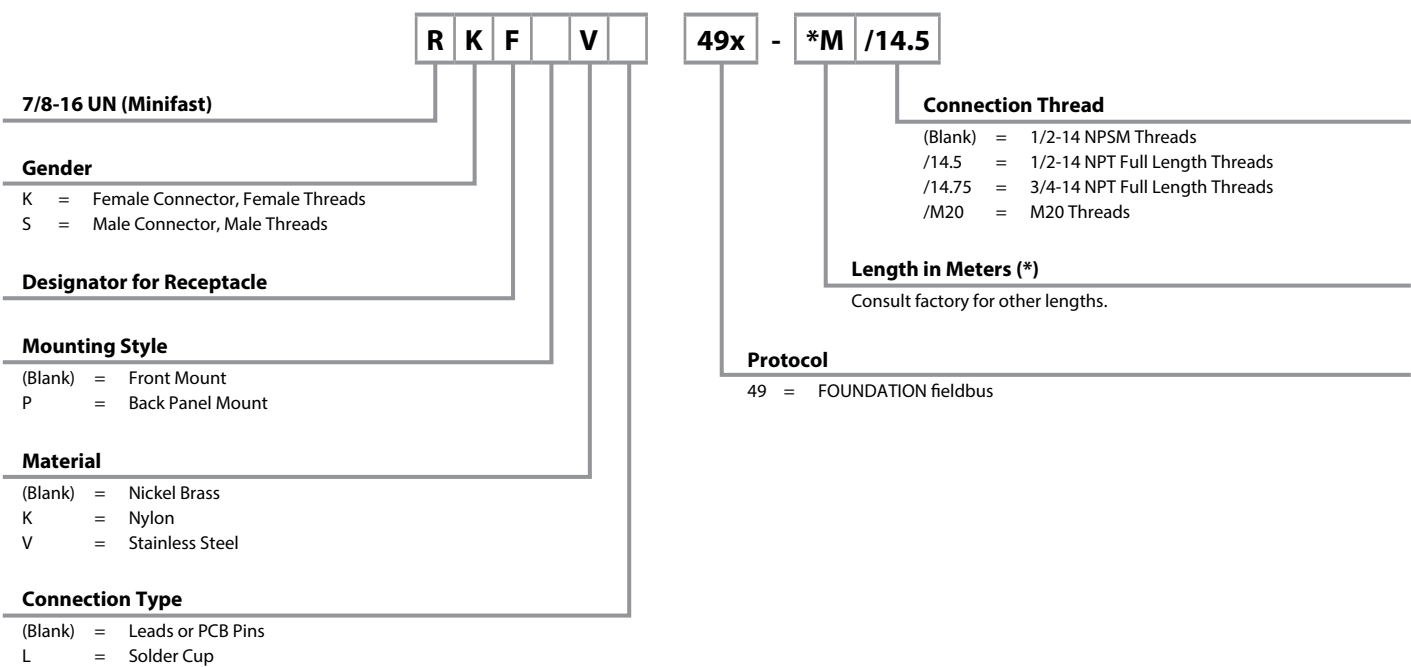


FOUNDATION™ fieldbus Physical Media Connectivity

Minifast® Cordset Part Number Key

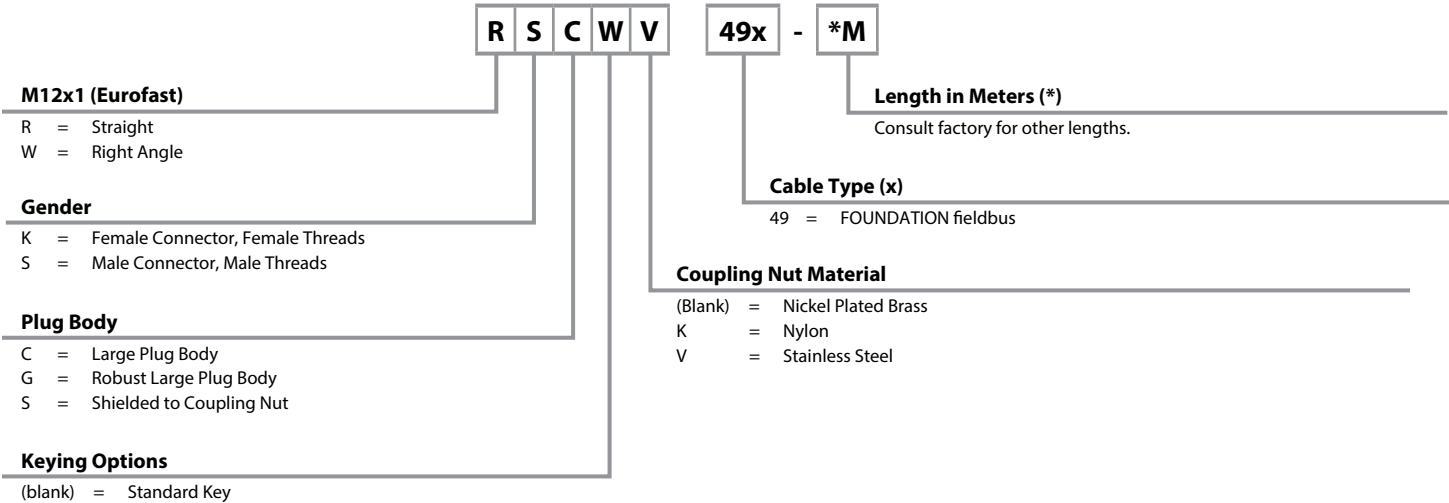


Minifast Receptacle Part Number Key

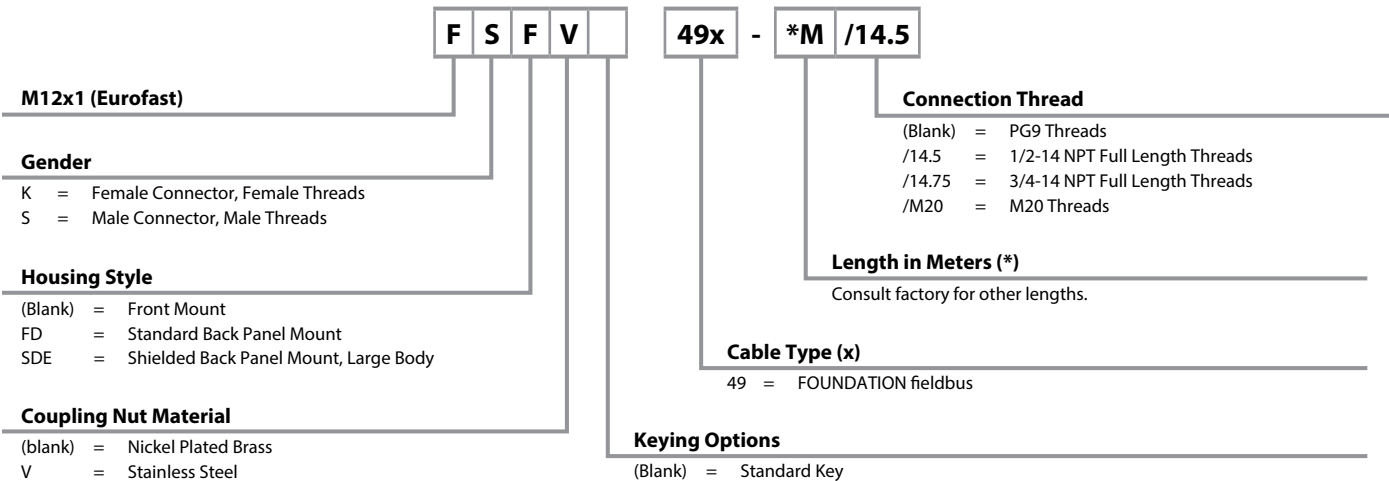


Eurofast® Cordset Part Number Key

Part Number Keys are to assist in IDENTIFICATION ONLY. Consult factory for catalog items not identified.



Eurofast Receptacle Part Number Key



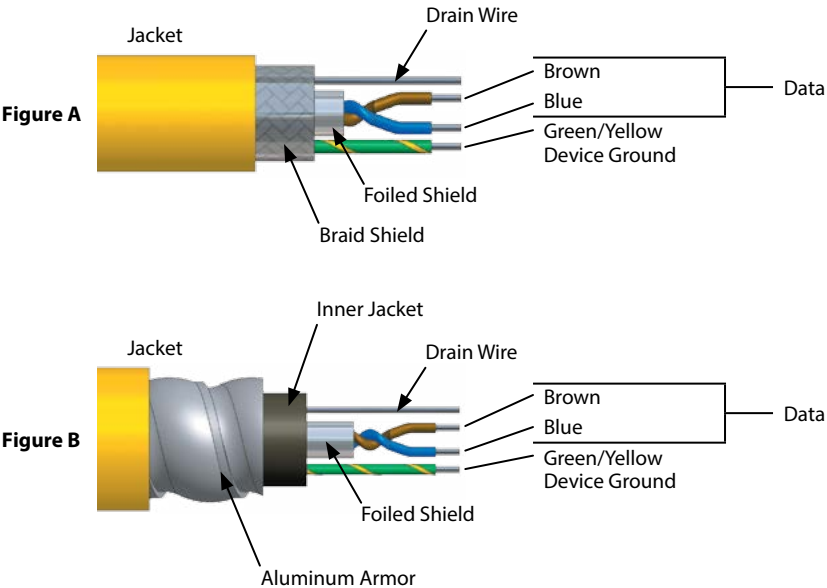
FOUNDATION™ fieldbus Physical Media Connectivity

Cable Specifications (with ground)

- Cables are compliant with FOUNDATION fieldbus FF-844 Cable Specification for Type A cable, IEC 61158-2 and ISA/SP50
- Cables are available in 3-wire versions with a Device Ground or 2-wire versions

Type A Cable Specifications

- Temperature range: -40 °C to +105 °C
- UV Resistant and Oil Resistant
- PLTC and ITC Listed (CSA FT1, FT4)
- Exposed Run (ER) and Direct Buried (DB) Listed
- Maximum Attenuation at 1.25 f_r (39 kHz) = 3.0 dB/km
- Characteristic Impedence 100 Ω ± 10 Ω @ 31.25 KHz
- Capacitance: 20 pF/Ft nominal
- Inductance: 0.22 µH/Ft. nominal



Type	Approvals	Data Pair		Device Ground	Outer Jacket	Shields	Bulk Cable Part Number / Weight/300 M
		AWG Color Code	DCR (/1000 feet) Insulation	AWG Color Code	Material Color Nominal O.D.	Type Drain Wire	
490 105 °C, 600 V	c(UL) 1309 MS, ITC-ER DB, CIC/TC, FT1 FT4	2X18 AWG BU/BN	7.06 Ohms XLPE	18 AWG, GN-YE	PVC, YELLOW, 8.4 mm (.330 in)	Foil, 20 AWG	RB50693-*M, 66 lbs.
490B 105 °C, 600 V	c(UL) 1309 MS, ITC-ER DB, CIC/TC, FT1 FT4	2X18 AWG BU/BN	7.06 Ohms XLPE	18 AWG, GN-YE	PVC, BLUE, 8.4 mm (.330 in)	Foil, 20 AWG	B50783-*M, 66 lbs.
492A 105 °C, 300 V	UL ITC-ER DB, CSA ACIC HL-ABCD, FT1 FT4	2X18 AWG BU/BN	7.06 Ohms XLPE	18 AWG, GN-YE	PVC, YELLOW, 15.6 mm (.615 in)	Foil/armor, 20 AWG	RB50874-*M, 184 lbs.
492BA 105 °C, 300 V	UL ITC-ER DB, CSA ACIC HL-ABCD, FT1 FT4	2X18 AWG BU/BN	7.06 Ohms XLPE	18 AWG, GN-YE	PVC, BLUE, 15.6 mm (.615 in)	Foil/armor, 20 AWG	RB50803-*M, 184 lbs.

* Indicates length in meters.
Standard cable spool lengths are 30, 75, 100, 150, 200, 225 and 300 meters.

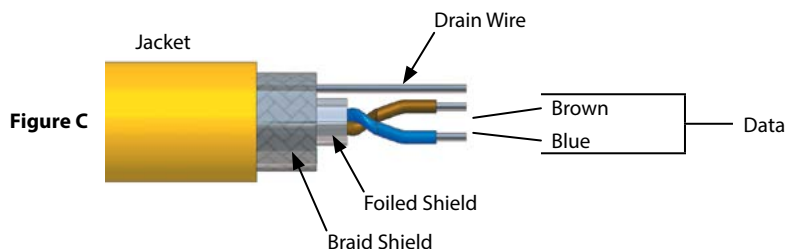
We reserve the right to make technical alterations without prior notice.

Cable Specifications (without ground)

- Cable that Meets the Requirements of ISA/SP50 and FOUNDATION™ fieldbus Requirements for Type A Cable
- Cables are available in 3-wire versions with a Device Ground or 2-wire versions

Type A Cable Specifications

- Temperature range: -40 °C to +105 °C
- UV Resistant and Oil Resistant
- PLTC and ITC Listed (CSA FT1, FT4)
- Exposed Run (ER) and Direct Buried (DB) Listed
- Maximum Attenuation at 1.25 f, (39 kHz) = 3.0 dB/km
- Characteristic Impedance 100 Ω ± 10 Ω @ 31.25 KHz
- Capacitance: 20 pF/Ft nominal
- Inductance: 0.22 μH/Ft. nominal



Type	Approvals	Data Pair		Outer Jacket	Shields	Bulk Cable Part Number/ Weight/300 M
		AWG Color Code	DCR (/1000 feet) Insulation	Material Color Nominal O.D.	Type Drain Wire	
493 105 °C, 600 V	c(UL) 1309 MS, ITC-ER DB, CIC/TC, FT1 FT4	2X18 AWG BU/BN	7.06 Ohms XLPE	PVC, YELLOW, 8.5 mm (.335 in)	Foil/braid, 20 AWG	RB50784-*M, 66 lbs.
493B 105 °C, 600 V	c(UL) 1309 MS, ITC-ER DB, CIC/TC, FT1 FT4	2X18 AWG BU/BN	7.06 Ohms XLPE	PVC, BLUE, 8.5 mm (.335 in)	Foil/braid, 20 AWG	RB50786-*M, 66 lbs.
493O 105 °C, 600 V	c(UL) 1309 MS, ITC-ER DB, CIC/TC, FT1 FT4	2X18 AWG BU/BN	7.06 Ohms XLPE	PVC, ORANGE, 8.5 mm (.335 in)	Foil/braid, 20 AWG	RB50785-*M, 66 lbs.
496 105 °C, 600 V	c(UL) 1309 MS, ITC-ER DB, CIC/TC, FT1 FT4	2X16 AWG BU/BN	4.05 Ohms XLPE	PVC, YELLOW, 9.1 mm (.360 in)	Foil, 18 AWG	RB50891-*M, 69 lbs.
496BK 105 °C, 600 V	c(UL) 1309 MS, ITC-ER DB, CIC/TC, FT1 FT4	2X16 AWG BU/BN	4.05 Ohms XLPE	PVC, BLACK, 9.1 mm (.360 in)	Foil, 18 AWG	RB51300-*M, 69 lbs.

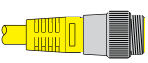
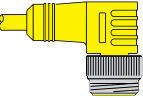
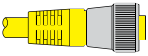
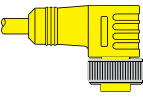
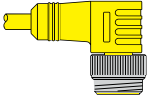
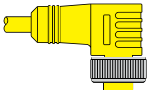
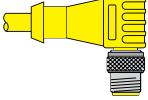
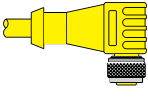
* Indicates length in meters.
Standard cable spool lengths are 30, 75, 100, 150, 200, 225 and 300 meters.

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

FOUNDATION™ fieldbus

FOUNDATION™ fieldbus Physical Media Connectivity

Cable and Cordset Selection Matrix

		Minifast®				Eurofast®
		(Male)		(Female)		Male
		1 	2 	3 	4 	7 
		RSV	WSV	RKV	WKV	RSCV
Cable	 Bare	RSV 49x-*M	WSV 49x-*M	RKV 49x-*M	WKV 49x-*M	RSCV 49x-*M
	1 	RSV RSV 49x-*M	RSV WSV 49x-*M	RSV RKV 49x-*M	RSV WKV 49x-*M	RSV RSCV 49x-*M
	2 		WSV WSV 49x-*M	WSV RKV 49x-*M	WSV WKV 49x-*M	WSV RSCV 49x-*M
	3 			RKV RKV 49x-*M	RKV WKV 49x-*M	RKV RSCV 49x-*M
	4 				WKV WKV 49x-*M	WKV RSCV 49x-*M
	7 					RSCV RSCV 49x-*M
	8 					
	9 					
	10 					

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

See pages N10 - N11 for dimensional drawings.

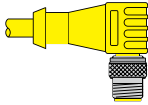
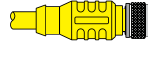
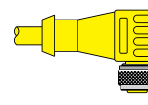
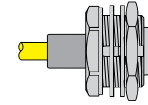
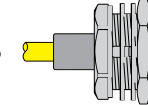
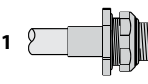
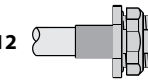
* Indicates length in meters.

x Indicates cable type.

Standard cable lengths are 1, 2, 4, 6, 8, 10, 15....50 Meters. Consult factory for other lengths.

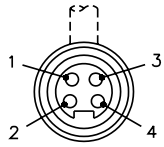
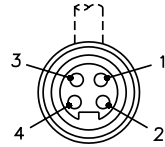
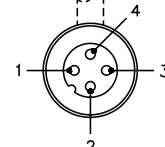
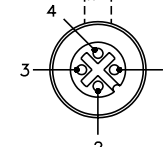
For stainless steel coupling nuts change part number RSM ... to RSV, WSM ... to WSV.

Cable and Cordset Selection Matrix

Eurofast®			Minifast® Bulkhead		Eurofast Bulkhead	
Male	Female		Male	Female	Male	Female
 8 WSCV	 9 RKCVC	 10 WKCVC	 5 RSFPV	 6 RKFPV	 11 FSFDV	 12 FKFDV
WSCV 49x-*M	RKCVC 49x-*M	WKCVC 49x-*M	RSFPV 49x-*M	RKFPV 49x-*M	FSFDV 49x-*M	FKFDV 49x-*M
RSV WSCV 49x-*M	RSV RKCVC 49x-*M	RSV WKCVC 49x-*M	RSV RSFPV 49x-*M	RSV RKFPV 49x-*M	RSV FSFDV 49x-*M	RSV FKFDV 49x-*M
WSV WSCV 49x-*M	WSV RKCVC 49x-*M	WSV WKCVC 49x-*M	WSV RSFPV 49x-*M	WSV RKFPV 49x-*M	WSV FSFDV 49x-*M	WSV FKFDV 49x-*M
RKV WSCV 49x-*M	RKV RKCVC 49x-*M	RKV WKCVC 49x-*M	RKV RSFPV 49x-*M	RKV RKFPV 49x-*M	RKV FSFDV 49x-*M	RKV FKFDV 49x-*M
WKV WSCV 49x-*M	WKV RKCVC 49x-*M	WKV WKCVC 49x-*M	WKV RSFPV 49x-*M	WKV RKFPV 49x-*M	WKV FSFDV 49x-*M	WKV FKFDV 49x-*M
RSCV WSCV 49x-*M	RSCV RKCVC 49x-*M	RSCV WKCVC 49x-*M	RSCV RSFPV 49x-*M	RSCV RKFPV 49x-*M	RSCV FSFDV 49x-*M	RSCV FKFDV 49x-*M
WSCV WSCV 49x-*M	WSCV RKCVC 49x-*M	WSCV WKCVC 49x-*M	WSCV RSFPV 49x-*M	WSCV RKFPV 49x-*M	WSCV FSFDV 49x-*M	WSCV FKFDV 49x-*M
	RKCVC RKCVC 49x-*M	RKCVC WKCVC 49x-*M	RKCVC RSFPV 49x-*M	RKCVC RKFPV 49x-*M	RKCVC FSFDV 49x-*M	RKCVC FKFDV 49x-*M
		WKCVC WKCVC 49x-*M	WKCVC RSFPV 49x-*M	WKCVC RKFPV 49x-*M	WKCVC FSFDV 49x-*M	

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

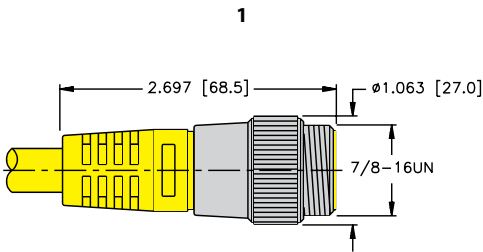
FOUNDATION™ fieldbus

Minifast		Pinouts	Eurofast	
Male	Female		Male	Female
		1. Blue (- Voltage) 2. Brown (+ Voltage) 3. Bare (Shield Drain Wire) 4. Green/Yellow (Ground)		

Cordset and Receptacle Connector Dimensions

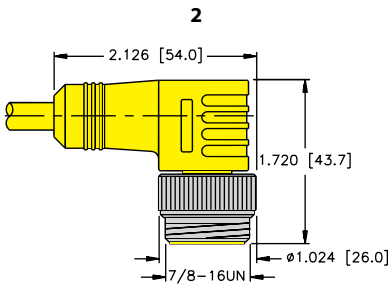
Specifications

Overmold:	TPU	Protection:	NEMA 1, 3, 4, 6P and IEC IP 68
Coupling Nut:	Nickel Plated CuZn or Stainless Steel	Rated Voltage:	300 V
Contact Carrier:	TPU	Rated Current:	9 A
Contacts:	Gold Plated CuZn	Ambient Temperature:	-40 °C to +105 °C (-40 °F to +221°F)



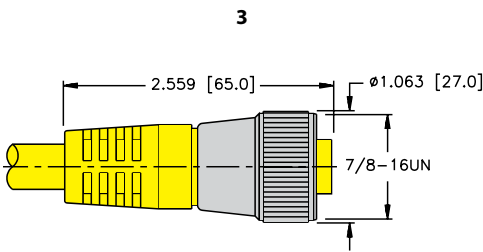
RSV ..

Page N8



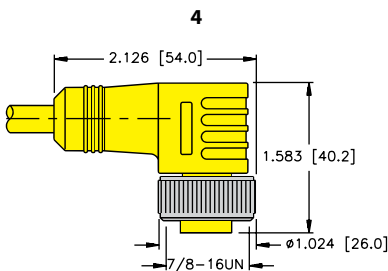
WSV ..

Page N8



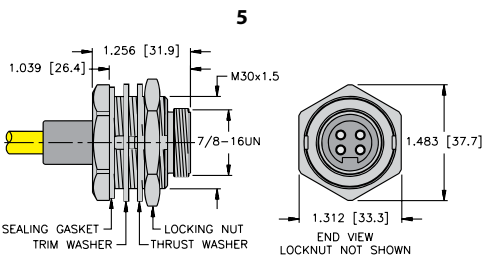
RKV ..

Page N8



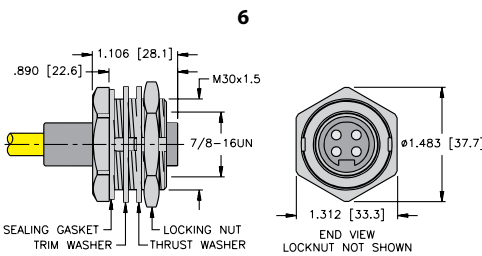
WKV ..

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RSFPV ..

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RKFPV ..

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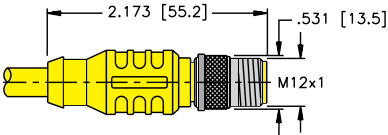
We reserve the right to make technical alterations without prior notice.

Cordset and Receptacle Connector Dimensions

Specifications

Overmold:	TPU	Protection:	NEMA 1, 3, 4, 6P and IEC IP 68
Coupling Nut:	Nickel Plated CuZn or Stainless Steel	Rated Voltage:	250 V
Contact Carrier:	TPU or POM (Nylon)	Rated Current:	4 A
Contacts:	Gold Plated CuZn	Ambient Temperature:	-40 °C to +105 °C (-40 °F to +221°F)

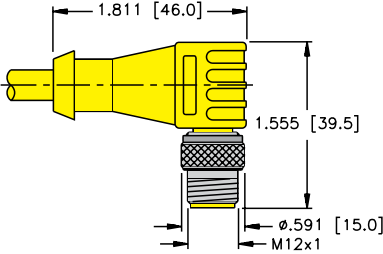
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RSCV ..

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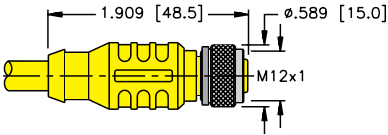
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WSCV ..

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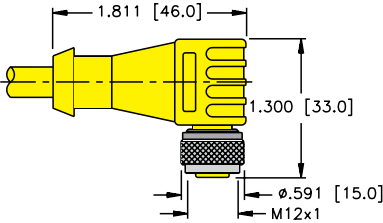
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RKCVC ..

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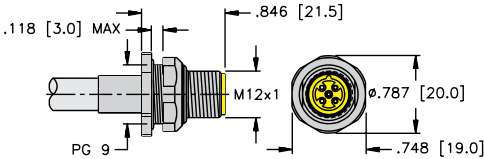
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WKCVC ..

Page N8

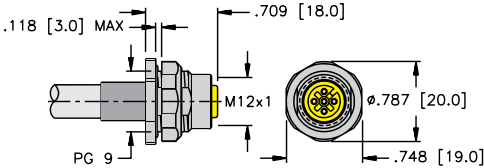
11



FSFDV ..

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12



FKFDV ..

Page N9

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

FOUNDATION™ fieldbus

FOUNDATION™ fieldbus Physical Media Connectivity

Eurofast® Heavy Duty Cordsets

- Heavy Duty Coupling Nut completely supports the Molded Plug Body
- Provides superior strength



Housing Style	Female Part Number	Female Part Number	Features	Pinout
RKGV.. RSGV..	RKGV-49x-*M	RSGV-49x-*M	TPU Nickel plated CuZn or stainless steel, 250 V, 4 A, -40 °C to +105 °C, heavy coupling nut completely supports the molded plug body to provide superior strength	Female Male

* Indicates length in meters.
x Indicates cable type.
For nickel plated brass coupling nut change: RSGV ... to RSG ... or RKGV ... to RKG ...

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

Terminating Resistors

- Terminating Resistors stabilize and minimize Reflections on the Bus Line
- A Terminating Resistor is required at the beginning and end of the Main Bus Line



Housing Style	Part Number	Features	Pinout
	RSV 49-TR	Nickel plated brass or stainless steel, 250 V, 4 A, -40 °C to +75 °C, male Minifast® connector	Male
	RSEV 49-TR	Nickel plated brass or stainless steel, 250 V, 4 A, -40 °C to +75 °C, male Eurofast connector	Male

Tees

- Creates a Drop or Branch from the Main Bus Line
- Minifast® Connectors on Bus Line
- Minifast or Eurofast® Connectors on Dropline



Housing Style	Part Number	Features	Wiring Diagrams
	RSV-2RKV 49	TPU, 250 V, 4 A, -40 °C to +75 °C, data, ground, shield stainless steel coupling nuts	
	RSV FKV RKV 49	TPU, 250 V, 4 A, -40 °C to +75 °C, data, ground, shield stainless steel coupling nuts	
	RSCV 2RKCV 49	TPU, 250 V, 4 A, -40 °C to +75 °C, stainless steel coupling nuts	
	RSCV WKCV 49	TPU, 250 V, 4 A, -40 °C to +75 °C, stainless steel coupling nuts	
	RSCV RKCVC 49	TPU, 250 V, 4 A, -40 °C to +75 °C, stainless steel coupling nuts	

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

FOUNDATION™ fieldbus

Pinouts

Minifast		Eurofast	
Male	Female	Male	Female

FOUNDATION™ fieldbus Physical Media Connectivity

Gender Changers and Elbow Connectors

- Allows quick and easy changes from Male to Female Minifast® Connectors



Housing Style	Part Number	Specs	Application	Wiring Diagrams
	RSV RSV 49	TPU 250 V, 4 A -40 °C to +75 °C	Male Minifast Gender Changer • Changes female cordset to male receptacle	
	RKV RKV 49		Female Minifast Gender Changer • Changes female cordset to male receptacle	
	WSV RKV 49		Minifast Elbow • Right angle male to female connector	

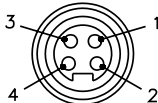
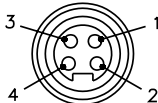
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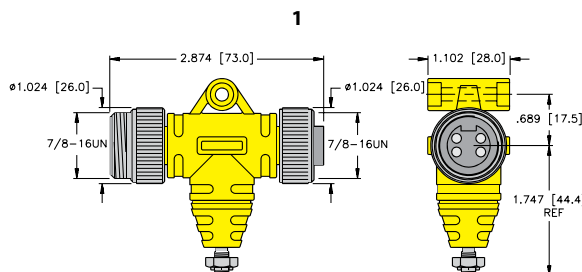
Pinouts

Minifast	
Male	Female

- **Protects Data Communication Lines (V+ and V-)**
- **Absorbs the front end of the Transient, responding in less than a Nanosecond**
- **Diverts the Surge Energy to Ground**



Housing	Part Number	Features	Application	Pinout
See Drawing 1	RSV RKV 49 SS	Electrical Contact Carrier Material Thermoplastic Polyurethane Mold Material/Color Thermoplastic Polyurethane/Yellow Contact Material/Plating Gold-Plated Brass Coupling Nut Material Stainless Steel Max. Operating Voltage 36 VDC Max. Operating Current 600 mA Max. Clamping Voltage 58 V Surge Current (8/20μs ≤5 shots) 20kA Temperature Rating -40 °C to +85 °C Protection Class (VDE 0110 b) Meets NEMA 1,3,4,6,13 Insulation Resistance ≥40 MΩ Capacitance Between V+, V- at 24 V 0.4nF Mechanical • Ground Stud: 10-32 stainless steel • Operating temperature: -40 °C to +85 °C	Male and Female Minifast®, 4-pin	Female  Female 



FOUNDATION™ fieldbus Physical Media Connectivity

Feed Through Connectors

- Receptacles provide transition from Male to Female Connectors
- Available for Bulkhead and Feed Through applications

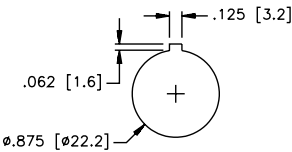


Housing Style	Part Number	Features	Pinout
	RSFV RKFV 49/22	Stainless steel, 300 V, 9 A, -40 °C to +75 °C, straight male/female feed-through, for use with Minifast® cordsets	Female Male
	FKV FSV 49/M12	Stainless steel, 250 V, 4 A, -40 °C to +75 °C, straight male/female connector, for use with Eurofast® cordsets	Female Male

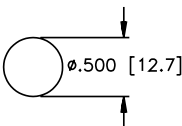
We reserve the right to make technical alterations without prior notice.

Standard housing material is nickel plated brass. "RSF RKF .."; "RSFV RKFV .." indicates stainless steel housing.

Panel Cutout
RSFV RKFV 48/22



Panel Cutout
WFS



(7/8-16 UN) Minifast® Receptacles

- Provides quick connection to Field Devices
- available for 1/2-14 NPT, 1/2-14 NPSM, 3/4-14 NPT and M20 Threads



Housing Style	Female Part Number	Male Part Number	Features	Pinout
RKFV../14.5	RKFV 49-*M/14.5	RSFV 49-*M/14.5	Nickel plated CuZn or stainless steel, 300 V, 9 A, -40 °C to +105 °C, 1/2-14 NPT full length threads	Female
RSFV../14.5				
RKFV../14.75	RKFV 49-*M/14.75	RSFV 49-*M/14.75	Nickel plated CuZn or stainless steel, 300 V, 9 A, -40 °C to +105 °C, 3/4-14 NPT full length threads	Female
RSFV../14.75				
RKFV..*M20	RKFV 49-*M/M20	RSFV 49-*M/M20	Nickel plated CuZn or stainless steel, 300 V, 9 A, -40 °C to +105 °C, M20x1.5 threads	Male
RSFV..*M20				

Standard cable length is 0.5 meters. Consult factory for other lengths.
Standard housing material is nickel plated brass housing. "RKF .."; "RKFV .." indicates 316 stainless steel.
For locknuts to be included, add "W/LN" to the end of the part number.

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

FOUNDATION™ fieldbus

FOUNDATION™ fieldbus Physical Media Connectivity

(7/8-16 UN) Minifast® Receptacles

- Provides quick connection to Field Devices
- Available for 1/2-14 NPT, 1/2-14 NPSM, 3/4-14 NPT and M20 Threads

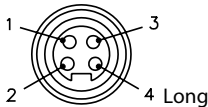


Housing Style	Female Part Number	Male Part Number	Features	Pinout
RKFV..*M	RKFV 49-*M	RSFV 49-*M	Nickel plated CuZn or stainless steel, 300 V, 9 A, -40 °C to +105 °C, 1/2-14 NPSM threads	Female
RSFV..*M				Male

Standard cable length is 0.5 meters. Consult factory for other lengths.
Standard housing material is nickel plated brass housing. "RKF .."; "RKFV .." indicates 316 stainless steel.
For locknuts to be included, add "W/LN" to the end of the part number.

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

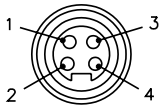
Male End View



- 1 = BU (-voltage)
- 2 = BN (+ voltage)
- 3 = N/C
- 4 = GN/YE (ground)

49 Series

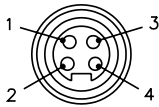
Male End View



- 1 = BU
- 2 = BN
- 3 = N/C
- 4 = N/C

49T Series

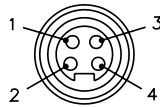
Male End View



- 1 = BU (-voltage)
- 2 = BN (+ voltage)
- 3 = GY
- 4 = N/C

49D Series

Male End View



- 1 = BU (-voltage)
- 2 = BN (+ voltage)
- 3 = GY
- 4 = GN/YE (ground)

49E Series

(M12x1) Eurofast® Female Receptacles

- Mounted for quick connection to Enclosures
- Available for 1/2-14 NPT, 1/2-14 NPSM, 3/4-14 NPT and M20 Threads



Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKV../14.5	FKV 49-*M/14.5	FSV 49-*M/14.5	Nickel plated CuZn or stainless steel, 250 V, 4 A, -40 °C to +105 °C, 1/2-14 NPT full length threads	Female
FSV../14.5				
FKV../14.75	FKV 49-*M/14.75	FSV 49-*M/14.75	Nickel plated CuZn or stainless steel, 250 V, 4 A, -40 °C to +105 °C, 3/4-14 NPT full length threads	
FSV../14.75				
FKV../M20	FKV 49-*M/M20	FSV 49-*M/M20	Nickel plated CuZn or stainless steel, 250 V, 4 A, -40 °C to +105 °C, M20x1.5 Threads	Male
FKV../M20				

Standard cable length is 0.5 meters. Consult factory for other lengths.

Standard housing material is stainless steel. "RKF .."; "RKFV .." indicates 316 nickel plated brass housing.

FOUNDATION™ fieldbus Physical Media Connectivity

(M12x1) Eurofast® Female Receptacles

- Mounted for quick connection to Enclosures
- Available for 1/2-14 NPT, 1/2-14 NPSM, 3/4-14 NPT and M20 Threads

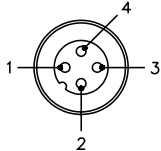


Housing Style	Female Part Number	Male Part Number	Features	Pinout
FKV..*M	FKV 49-*M	FSV 49-*M	Nickel plated CuZn or stainless steel, 250 V, 4 A, -40 °C to +105 °C, 1/2-14 NPSM threads	Female
FSV..*M				Male

Standard cable length is 0.5 meters. Consult factory for other lengths.
Receptacles require a 13/16" (21.0 mm) clearance hole for panel mounting.
Standard housing material is stainless steel. "RKF .."; "RKVF .." indicates 316 nickel plated brass housing.

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

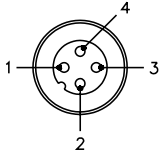
Male End View



1 = BU (-voltage)
2 = BN (+ voltage)
3 = N/C
4 = GN/YE (ground)

49 Series

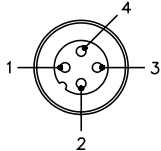
Male End View



1 = BU (-voltage)
2 = BN (+ voltage)
3 = N/C
4 = N/C

49T Series

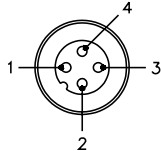
Male End View



1 = BU (-voltage)
2 = BN (+ voltage)
3 = GY
4 = N/C

49D Series

Male End View



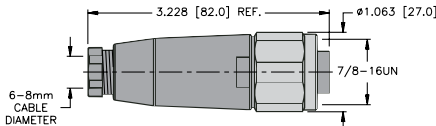
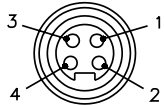
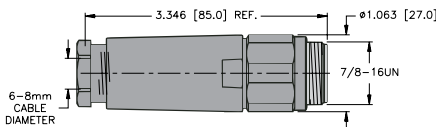
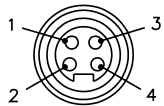
1 = BU (-voltage)
2 = BN (+ voltage)
3 = GY
4 = GN/YE (ground)

49E Series

Minifast® Field Wireable Connectors with Labels

- Allows for quick connection when Pre-Molded Cables are not available
- Available for Male and Female Connectors
- Color Coded Wire Connection for FOUNDATION fieldbus

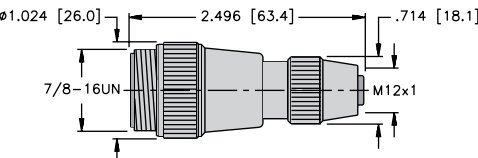
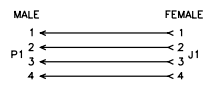


Housing Style	Female Part Number	Male Part Number	Features	Pinout
	BKV 4140-0/11/FF	BSV 4140-0/11/FF	Glass filled nylon, stainless steel coupling nut, PG 9 cable gland, accepts 8-10 mm cable diameter, screw terminals, 90 °C, 300 V, 9 A, mates with standard, 4-pin cordsets and receptacles	Female 
	BKV 4140-0/16/FF	BSV 4140-0/16/FF	Glass filled nylon, stainless steel coupling nut, PG 16 cable gland, accepts 12-14 mm cable diameter, screw terminals, 90 °C, 600 V, 9 A, mates with standard, 4-pin cordsets and receptacles	Male 

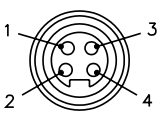
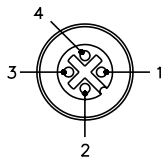
Gender Changer

- Allows Quick and Easy Changes from Male to Female and Minifast to Eurofast® Connectors



Housing Style	Part Number	Features	Wiring Diagrams
	RSM 49-FK 4.4	Nickel plated CuZn or stainless steel, 250 V, 4 A, -40 °C to +75 °C, female Eurofast, male Minifast, 4-pin	

Pinouts

Minifast	Eurofast
Male	Female
	

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

FOUNDATION™ fieldbus

FOUNDATION™ fieldbus Physical Media Connectivity

FOUNDATION fieldbus, Conduit Adapters

- Converts Standard Conduits to Quick Disconnect
- Fiberglass Reinforced Nylon Housings
- Nickel Plated Brass Connectors available
- 3/4" Form 8 or Mark 9
- 1" Form 7 available upon request
- Gasket and Mounting Screws provided
- IP67



Housing Style	1 Port Part Number	2 Port Part Number	Specifications	Pinout
	BCA-49-E123	BCA-49-E223	3/4" Form 8 or Mark 9, M12 x 1 stainless steel connectors	Female
	BCA-49-M123	BCA-49-M223	3/4" Form 8 or Mark 9, 7/8"-16 UN stainless steel connectors	Female
	BCA-49SC-M123	BCA-49SC-M223	Short circuit protection, 3/4" Form 8 or Mark 9, 7/8"-16 UN stainless steel connectors	

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

FOUNDATION™ fieldbus, Conduit Adapters

- Attaches to Standard Single Gang Electrical Box
- Stainless Steel with Stainless Steel Connectors
- Gasket and Mounting Screws Provided
- IP67



Housing Style	Part Number	Specifications	Pinout
	BPA-49-M113	7/8"-16 UN, -40 °C to +75 °C (-40 °F to +167 °F)	Female