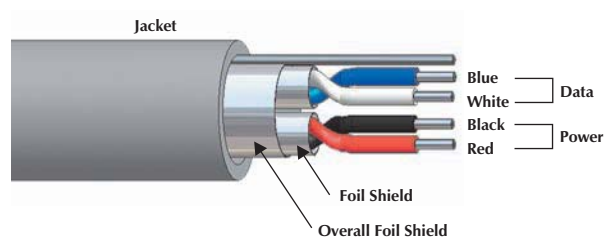


## DeviceNet™, Pico Cable Specifications

- Cable that Meets the Electrical Requirements of ODVA Thin Cable (Data Pair Only)
- Pico Cable has 24 AWG Conductors Which May be Used with *picofast*® Connectors
- Submittal to ODVA - Pending



### DeviceNet - Pico Cable 5724

Data Rate	Maximum Trunk Length
125 Kbaud	35 meters (115 feet)
250 Kbaud	35 meters (115 feet)
500 Kbaud	35 meters (115 feet)

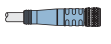
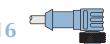




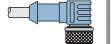
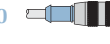







### DeviceNet - Thin Cable 5715

Data Rate	Maximum Trunk Length
125 Kbaud	100 meters (984 feet)
250 Kbaud	100 meters (820 feet)
500 Kbaud	100 meters (328 feet)

Type	Approvals	Power Pair		Data Pair		Outer Jacket Material Color Nominal O.D.	Shields Type Drain Wire	Bulk Cable Part Number / Weight/300 M
		AWG Color Code	DCR (/1000 feet) Insulation	AWG Color Code	DCR (/1000 feet) Insulation			
<b>5724</b> AWM 2464 80°C 300 Volts	NEC AWM CEC AWM-I/II A/B FT1	2/24 AWG BK/RD	24.9 PVC	2/24 AWG BU/WH	24.9 PE	PVC Light Grey 5.7 mm (.224 in)	Foil (Data Only) 24 AWG	RB51045-*M 27 lbs.
<b>5715</b> AWM 2464 80°C 300 Volts	NEC AWM CEC AWM-I/II A/B FT1	2/22 AWG BK/RD	16.5 PVC	2/22 AWG BU/WH	16.5 PE	PVC Light Grey 6.0 mm (.235 in)	Foil (Data Only) 22 AWG	RB50764-*M 26 lbs.

\* Indicates length in meters.  
Standard cable lengths are 1, 2, 4, 5, 6, 8, 10, 15, and in +5 meter increments from there. Consult factory for other lengths.

### DeviceNet™, Cable/Cordsets Selection Matrix - Threaded

		picofast® (5724 Cable Only)				eurofast® (5724 Cable Only)			
		Socket (Female)		Pin (Male)					
		14 	16 	13 	15 	19 	21 	20 	22 
		PKGM	PKWM	PSGM	PSWM	RST	WST	RKT	WKT
Bare 		PKGM 57x-*M	PKWM 57x-*M	PSGM 57x-*M	PSWM 57x-*M	RST 57x-*	WST 57x-*	RKT 57x-*	WKT 57x-*
picofast (5724 Cable Only)	Socket (Female)	14 	16 	13 	15 				
	PKGM	PKGM PKGM 57x-*M	PKGM PKWM 57x-*M	PKGM PSGM 57x-*M	PKGM PSWM 57x-*M	PKGM RST 57x-*M	PKGM WST 57x-*M	PKGM RKT 57x-*M	PKGM WKT 57x-*M
	PKWM		PKWM PKWM 57x-*M	PKWM PSGM 57x-*M	PKWM PSWM 57x-*M	PKWM RST 57x-*M	PKWM WST 57x-*M	PKWM RKT 57x-*M	PKWM WKT 57x-*M
	Pin (Male)	13 		15 					
	PSGM			PSGM PSGM 57x-*M	PSGM PSWM 57x-*M	PSGM RST 57x-*M	PSGM WST 57x-*M	PSGM RKT 57x-*M	PSGM WKT 57x-*M
	PSWM				PSWM PSWM 57x-*M	PSWM RST 57x-*M	PSWM WST 57x-*M	PSWM RKT 57x-*M	PSWM WKT 57x-*M

See pages G19 - G20 for dimensional drawings.

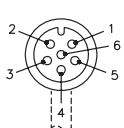
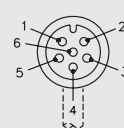
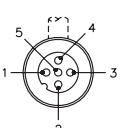
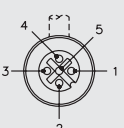
\* Indicates length in meters.

x Indicates cable type. See page B125 for available cable types.

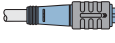
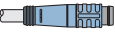
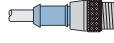

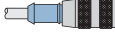


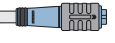
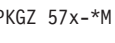

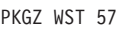



Type 5715 cable can be used with RST, WST, RKT and WKT smaller body styles. Consult factory for part numbers.

Refer to the Cordset Builder at [www.turck.com](http://www.turck.com) for assistance with cordset/cable combinations.

Standard cable lengths are 1, 2, 4, 5, 6, 8, 10, 15, and in +5 meter increments from there. Consult factory for other lengths.

picofast		Pinouts	eurofast	
<b>Male</b> 	<b>Female</b> 	1. Bare (Shield Drain Wire) 2. Red (+ Voltage) 3. Black (- Voltage) 4. White (CAN_H) 5. Blue (CAN_L) 6. N/C ( <i>picofast</i> only)	<b>Male</b> 	<b>Female</b> 

DeviceNet™, Cable/Cordsets Selection Matrix - Snap Lock

		picofast®		eurofast®			
		Socket (Female)	Pin (Male)				
		18  PKGZ	17  PSG	17  RST	18  WST	19  RKT	20  WKT
 Bare		PKGZ 57x-*M	PSG 57x-*M	RST 57x-*	WST 57x-*	RKT 57x-*	WKT 57x-*
picofast® (5724 Cable Only)	Socket (Female)	15  PKGZ	15  PSG	15  RST	15  WST	15  RKT	15  WKT
	Pin (Male)		16  PSG				

DeviceNet Media

See pages G19 - G20 for dimensional drawings.

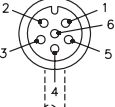
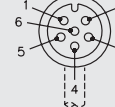
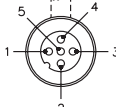

\* Indicates length in meters.

x Indicates cable type. See page B125 for available cable types.

Type 5715 cable can be used with RST, WST, RKT and WKT smaller body styles. Consult factory for part numbers.

Refer to the Cordset Builder at [www.turck.com](http://www.turck.com) for assistance with cordset/cable combinations.

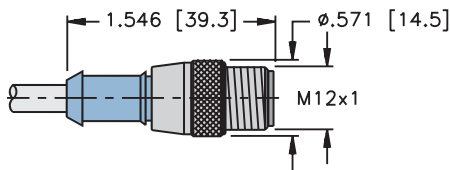
Standard cable lengths are 1, 2, 4, 5, 6, 8, 10, 15, and in +5 meter increments from there. Consult factory for other lengths.

picofast		Pinouts	eurofast	
Male 	Female 	<ol style="list-style-type: none"> <li>1. Bare (Shield Drain Wire)</li> <li>2. Red (+ Voltage)</li> <li>3. Black (- Voltage)</li> <li>4. White (CAN_H)</li> <li>5. Blue (CAN_L)</li> <li>6. N/C (<i>picofast</i> only)</li> </ol>	Male 	Female 

**Specifications**

<b>Housing:</b>	PUR (Polyurethane)
<b>Coupling Nut:</b>	Nickel Plated CuZn or Stainless Steel
<b>Contact Carrier:</b>	PUR (Polyurethane)
<b>Contacts:</b>	Gold Plated CuZn
<b>Protection:</b>	NEMA 1, 3, 4, 6P and IEC IP 68
<b>Rated Voltage:</b>	250 V
<b>Rated Current:</b>	4 A
<b>Ambient Temperature:</b>	-40° to +75°C (-22° to +167°F)

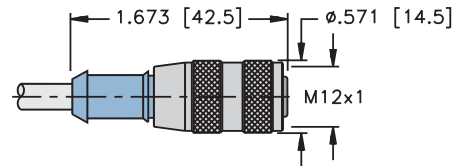
19



RST ..

Pages G17 - G18

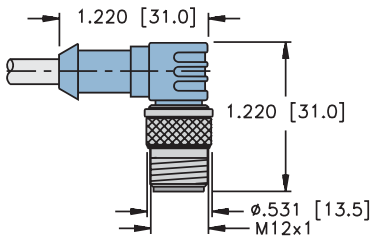
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RKT ..

Pages G17 - G18

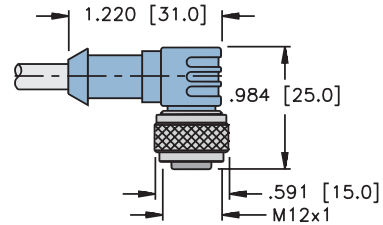
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WST ..

Pages G17 - G18

22



WKT ..

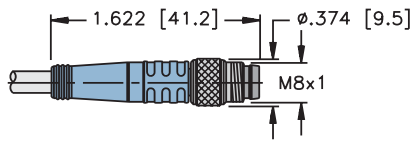
Pages G17 - G18

DeviceNet™, picofast® Cable/Cordsets Connector Dimensions

Specifications

<b>Housing:</b>	PUR (Polyurethane)
<b>Coupling Nut:</b>	Nickel Plated CuZn or Stainless Steel (thread), Nylon (snap lock)
<b>Contact Carrier:</b>	PUR (Polyurethane) or POM (Nylon)
<b>Contacts:</b>	Gold Plated CuZn
<b>Protection:</b>	NEMA 1, 3, 4, 6P and IEC IP 67
<b>Rated Voltage:</b>	30 V
<b>Rated Current:</b>	1.5 A
<b>Ambient Temperature:</b>	-40° to +75°C (-22° to +167°F)

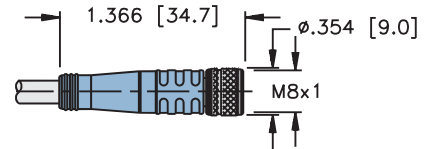
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PSGM ..

Pages G17 - G18

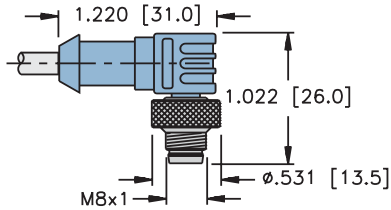
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PKGM ..

Pages G17 - G18

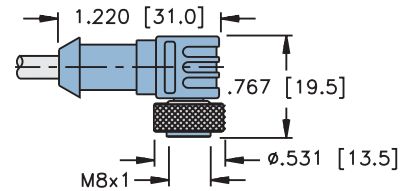
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PSWM ..

Pages G17 - G18

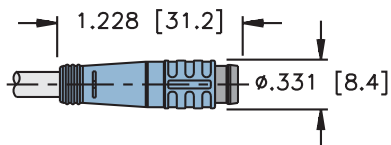
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PKWM ..

Pages G17 - G18

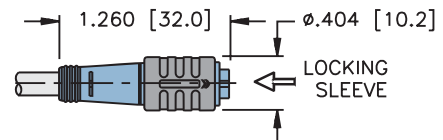
17



PSG ..

Pages G17 - G18

18



PKGZ ..

Pages G17 - G18