

4, 5 and 8-Wire eurofast® Field Wireable Connectors, Standard and Reverse Key

- Straight Female Connectors
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	B 8141-0	PBT, Black PG 7 cable gland accepts 4-6 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 250 V, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	B 8141-0/PG 9	PBT, Black PG 9 cable gland accepts 6-8 mm cable diameter Screw terminals 85°C 250 V, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	B 8151-0/PG 9	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 125 V, 4 A	Mates with standard key 5-pin cordsets and receptacles	
	BM 8151-0	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals Metal Coupling Nut 85°C 125 V, 4 A	Mates with standard key 5-pin cordsets and receptacles	
	BWS 8141-0	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals Metal Coupling Nut 85°C 250 V, 4 A	Mates with reverse key 4-pin cordsets and receptacles	
	BWS 8151-0	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 125 V, 4 A	Mates with reverse key 5-pin cordsets and receptacles	
	B 8181-0	Nylon, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 60 VAC/75 VDC, 2 A	Mates with standard key 8-pin cordsets and receptacles	

4 and 5-Wire *euromast*® Field Wireable Connectors, Standard and Reverse Key

- Right Angle Female Connectors
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	B 8241-0	PBT, Black PG 7 cable gland accepts 4-6 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 250 V, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	B 8241-0/PG 9	PBT, Black PG 9 cable gland accepts 6-8 mm cable diameter Screw terminals 85°C 250 V, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	B 8251-0/PG 9	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 125 V, 4 A	Mates with standard key 5-pin cordsets and receptacles	
	BWS 8251-0/PG 9	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 125 V, 4 A	Mates with reverse key 5-pin cordsets and receptacles	

4, 5 and 8-Wire eurofast® Field Wireable Connectors, Standard and Reverse Key

- Straight Male Connectors
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	BS 8141-0	PBT, Black PG 7 cable gland accepts 4-6 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 250 V, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	BS 8141-0/PG 9	PBT, Black PG 9 cable gland accepts 6-8 mm cable diameter Screw terminals 85°C 250 V, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	BS 8151-0/PG 9	PBT, Black PG 9 cable gland, accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 125 V, 4 A	Mates with standard key 5-pin cordsets and receptacles	
	BS 8157-0/PG 9	PBT, Black PG 9 cable gland, accepts 6-8 mm cable diameter Spring clamp accepts up to 20 AWG conductors 85°C 125 V, 4 A	Mates with standard key 5-pin cordsets and receptacles, spring clamp	
	BSWS 8141-0	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 250 V, 4 A	Mates with reverse key 4-pin cordsets and receptacles	
	BSWS 8151-0	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 125 V, 4 A	Mates with reverse key 5-pin cordsets and receptacles	
	BS 8181-0	Nylon, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 60 VAC/75 VDC, 2 A	Mates with standard key 8-pin cordsets and receptacles	

4, 5 and 8-Wire *euromast*® Field Wireable Connectors, Standard and Reverse Key

- Right Angle Male Connectors
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	BS 8241-0	PBT, Black PG 7 cable gland accepts 4-6 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 250 V, 4 A	Mates with <i>standard key 4-pin cordsets and receptacles</i>	
	BS 8241-0/PG 9	PBT, Black PG 9 cable gland accepts 6-8 mm cable diameter Screw terminals 85°C 250 V, 4 A	Mates with <i>standard key 4-pin cordsets and receptacles</i>	
	BS 8251-0/PG 9	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 125 V, 4 A	Mates with <i>standard key 5-pin cordsets and receptacles</i>	
	BSWS 8241-0	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 250 V, 4 A	Mates with <i>reverse key 4-pin cordsets and receptacles</i>	
	BSWS 8251-0	PBT, Black PG 9 cable gland accepts 4-8 mm cable diameter Screw terminals accepts up to 18 AWG conductors 85°C 125 V, 4 A	Mates with <i>reverse key 5-pin cordsets and receptacles</i>	

4-Wire eurofast® Field Wireable Connectors, M18 Cable Glands

- Straight and Right Angle Female Connectors
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	B 8141-M18	PA, Black, M18 cable gland accepts 6-8 mm cable diameter Screw terminals accepts ups to 16 AWG conductors 85°C 250 V, 16 A	4-pin M18 thread	
	B 8241-M18	PA, Black, M18 cable gland accepts 6-8 mm cable diameter Screw terminals accepts ups to 16 AWG conductors 85°C 250 V, 16 A	4-pin M18 thread	

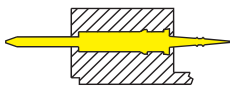
4 and 5-Wire eurofast® Field Wireable Connectors, IAC

- Male and Female Connectors
- Insulation Avoidance Technology
- No Conductor Stripping Required
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	B 8145-0	Nylon Accepts 4-6 mm cable dia. Accepts 20-26 AWG conductor (conductor diameter 1-1.6 mm) Insulation Avoidance 90°C 125 VAC/150 VDC, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	B 8155-0	Nylon Accepts 4-6 mm cable dia. accepts 20-26 AWG conductor (conductor diameter 1-1.6 mm) Insulation Avoidance 90°C 30 VAC/ 36 VDC, 4 A	Mates with standard key 5-pin cordsets and receptacles	
	BS 8145-0	Nylon Accepts 4-6 mm cable dia. Accepts 20-26 AWG conductor (conductor diameter 1-1.6 mm) Insulation Avoidance 90°C 125 VAC/150 VDC, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	BS 8155-0	Nylon Accepts 4-6 mm cable dia. accepts 20-26 AWG conductor (conductor diameter 1-1.6 mm) Insulation Avoidance 90°C 30 VAC/ 36 VDC, 4 A	Mates with standard key 5-pin cordsets and receptacles	

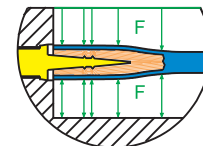
IAC Pointed Contact



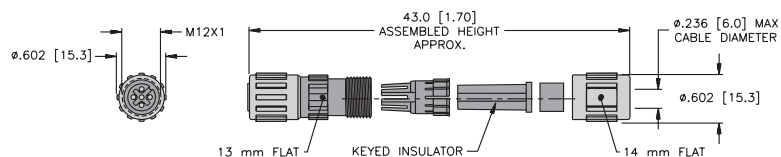
Unstripped wire in elastic "cable clamp"



Electrical connection is made without cutting the cable insulation and the large surface area of the contact provides a superior electrical connection



Assembly



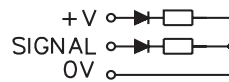
4-Wire eurofast® Field Wireable Connectors with LED's

- Male and Female Connectors
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	B 8141-P7X2-0	PBT, Clear, Accepts 4-6 mm cable diameter accepts 20-26 AWG (conductor diameter 1-1.6 mm) Insulation Avoidance 85°C 250 V 4 A	Mates with standard key 4-pin cordsets and receptacles, 2 LED's - Signal and Power	
	BS 8141-P7X2-0	PBT, Clear, Accepts 4-6 mm cable diameter accepts 20-26 AWG (conductor diameter 1-1.6 mm) Insulation Avoidance 85°C 250 V 4 A	Mates with standard key 4-pin cordsets and receptacles, 2 LED's - Signal and Power	

Wiring Diagram



4-Wire *euromast*® Field Wireable Connectors, IDC

- Male and Female Connectors
- Insulation Displacement Technology
- No Conductor Stripping Required
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	B 8146-0	Nickel Plated Brass Accepts 4-5 mm cable diameter IDC, accepts 26 to 22 AWG conductors 85°C 32 V, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	B 8346-0	Nickel Plated Brass Accepts 5.5-8.5 mm cable diameter IDC, accepts up to 18 AWG conductors 85°C 50 V, 6 A	Mates with standard key 4-pin cordsets and receptacles	
	BS 8146-0	Nickel Plated Brass Accepts 4-5 mm cable diameter IDC accepts 26 to 22 AWG conductors 85°C 32 V, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	BS 8346-0	Nickel Plated Brass Accepts 5.5-8.5 mm cable diameter IDC accepts up to 22 AWG conductors 85°C 50 V, 6 A	Mates with standard key 4-pin cordsets and receptacles	
	B 8246-0	Nickel Plated Brass Accepts 4-5 mm cable diameter IDC accepts 26 to 22 AWG conductors 85°C 32 V, 4 A	Mates with standard key 4-pin cordsets and receptacles	
	BS 8246-0	Nickel Plated Brass Accepts 4-5 mm cable diameter IDC accepts 26 to 22 AWG conductors 85°C 32 V, 4 A	Mates with standard key 4-pin cordsets and receptacles	

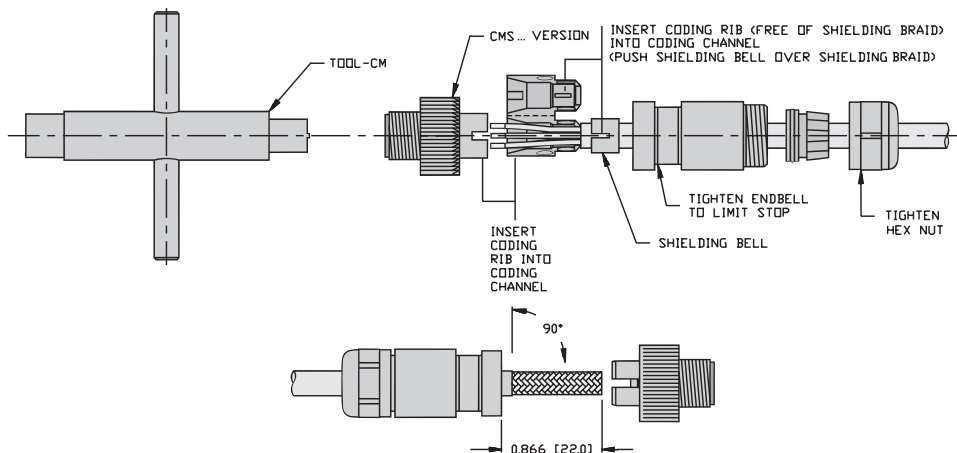
4 and 5-Wire eurofast® Field Wireable Connectors, Shielded, Solder Cup

- Male and Female Connectors
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	CM 8141-0	Nickel Plated Brass Cable gland, accepts 4-6.5 mm cable dia. Solder Cup accepts up to 18 AWG conductors 125° C 125 V, 4 A	<i>Metal, fully shielded Mates with standard key 4-pin cordsets and receptacles</i>	
	CM 8151-0	Nickel Plated Brass Cable gland accepts 4-6.5 mm cable dia. Solder Cup accepts up to 18 AWG conductors 125° C 30 VAC/36 VDC, 8.0 A	<i>Metal, fully shielded Mates with standard key 5-pin cordsets and receptacles</i>	
	CMS 8141-0	Nickel Plated Brass Cable gland accepts 4-6.5 mm cable dia. Solder Cup accepts up to 18 AWG conductors 125° C 125 V, 4 A	<i>Metal, fully shielded Mates with standard key 4-pin cordsets and receptacles</i>	
	CMS 8151-0	Nickel Plated Brass Cable gland accepts 4-6.5 mm cable dia. Solder Cup accepts up to 18 AWG conductors 125° C 30 VAC/36 VDC, 8.0 A	<i>Metal, fully shielded Mates with standard key 5-pin cordsets and receptacles</i>	

Assembly



4, 5 and 8-Wire *euromast*® Field Wireable Connectors, Shielded, Screw Terminals

- Female Connectors
- Screw Terminals
- No Soldering Required
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	CMB 8141-0	Nickel Plated Brass PG9 cable gland accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 250 V, 4 A	<i>Metal, fully shielded</i> Mates with standard key 4-pin cordsets and receptacles	
	CMB 8151-0	Nickel Plated Brass PG9 cable gland, accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 125 V, 4 A	<i>Metal, fully shielded</i> Mates with standard key 5-pin cordsets and receptacles	
	CMB 8181-0	Nickel Plated Brass PG9 cable gland accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 60 VAC/75 VDC, 4 A	<i>Metal, fully shielded</i> Mates with standard key 4-pin cordsets and receptacles	
	CMB 8241-0	Nickel Plated Brass PG9 cable gland accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 250 V, 4 A	<i>Metal, fully shielded</i> Mates with standard key 4-pin cordsets and receptacles	
	CMB 8251-0	Nickel Plated Brass PG9 cable gland, accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 125 V, 4 A	<i>Metal, fully shielded</i> Mates with standard key 5-pin cordsets and receptacles	

4, 5 and 8-Wire eurofast® Field Wireable Connectors, Shielded, Screw Terminals

- Male Connectors
- Screw Terminals
- No Soldering Required
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	CMBS 8141-0	Nickel Plated Brass PG9 cable gland accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 250 V, 4 A	<i>Metal, Fully Shielded Mates with standard key 4-pin cordsets and receptacles</i>	
	CMBS 8151-0	Nickel Plated Brass PG9 cable gland, accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 125 V, 4 A	<i>Metal, Fully Shielded Mates with standard key 5-pin cordsets and receptacles</i>	
	CMBS 8181-0	Nickel Plated Brass PG9 cable gland accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 60 VAC/75 VDC, 4 A	<i>Metal, Fully Shielded Mates with standard key 8-pin cordsets and receptacles</i>	
	CMBS 8241-0	Nickel Plated Brass PG9 cable gland accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 250 V, 4 A	<i>Metal, Fully Shielded Mates with standard key 4-pin cordsets and receptacles</i>	
	CMBS 8251-0	Nickel Plated Brass PG9 cable gland, accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 125 V, 4 A	<i>Metal, Fully Shielded Mates with standard key 5-pin cordsets and receptacles</i>	

5-Wire *euromast*® Field Wireable Connectors, Reverse Key

- Male and Female Connectors
- IEC IP 67 Protection



Drawing	Part Number	Housing Specs.	Application	Pinout
	BMWS 8151-0/9	Nickel Plated Brass PG9 cable gland, accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 125 V, 4 A	<i>Metal, fully shielded Mates with <u>reverse</u> key 5-pin cordsets and receptacles</i>	
	BMWS 8251-0/9	Nickel Plated Brass PG9 cable gland, accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 125 V, 4 A		
	BMSWS 8151-0/9	Nickel Plated Brass PG9 cable gland, accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 125 V, 4 A		
	BMSWS 8251-0/9	Nickel Plated Brass PG9 cable gland, accepts 6-8 mm cable diameter Screw terminal accepts up to 18 AWG conductors 85°C 125 V, 4 A		