M8 *picofast*® Connectivity

3 and 4-Pin Field Wireable Connectors, Standard

pico fast®

- **IEC IP67 Protection**

Housing Style	Female Part Number	Male Part Number	Features	Pinout
B 513(4)1-0 1.457 [37.0] APPROX — ∅.457 [11.6] M8x1	**B 5131-0**	**BS 5131-0**	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 24 AWG conductors, 85 °C, 60 VAC/75 VDC, 4 A, mates with 4-pin threaded cordsets and receptacles	**Female** (1, 3, 4) / **Male** (3, 1, 4)
BS 513(4)1-0 1.772 [45.0] APPROX — ∅.472 [12.0] M8x1	**B 5141-0**	**BS 5141-0**	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 24 AWG conductors, 85 °C, 30 VAC/36 VDC, 4 A, mates with 4-pin threaded cordsets and receptacles	**Female** (1, 3, 2, 4) / **Male** (3, 1, 4, 2)
B 513(4)3-0 1.772 [45.0] APPROX — ∅.457 [11.6] M8x1	**B 5133-0**	**BS 5133-0**	PBT, Black, accepts 3-5 mm cable diameter, screw terminals, accepts up to 22 AWG conductors, 85 °C, 60 VAC/75 VDC, 4 A, mates with 3-pin threaded cordsets and receptacles	**Female** (1, 3, 4) / **Male** (3, 1, 4)
BS 513(4)3-0 1.969 [50.0] APPROX — ∅.472 [12.0] M8x1	**B 5143-0**	**BS 5143-0**	PBT, Black, accepts 3-5 mm cable diameter, screw terminals, accepts up to 22 AWG conductors, 85 °C, 60 VAC/75 VDC, 4 A, mates with 4-pin threaded cordsets and receptacles	**Female** (1, 3, 2, 4) / **Male** (3, 1, 4, 2)

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

Table of Content

3 and 4-Pin Field Wireable Connectors, Standard

- IEC IP67 Protection

Field Wireables

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Housing Style	Female Part Number	Male Part Number	Features	Pinout
BS 513(4)2-0 1.339 [34.0] APPROX ⌀.450 [11.4] M8x1		**BS 5132-0**	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 26 AWG conductors, 85 °C, 60 VAC/75 VDC, 4 A, mates with 3-pin female snap-lock cordsets, receptacles and junction boxes and threaded cordsets	**Male** 3 — 1 4
		BS 5142-0	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 26 AWG conductors, 85 °C, 60 VAC/75 VDC, 2 A, mates with 3-pin female snap-lock cordsets, receptacles and junction boxes and threaded cordsets	**Male** 3 — 1 4 — 2
B 523(4)1-0 1.102 [28.0] REF ⌀.457 [11.6] M8x1 .984 [25.0] APPROX	**B 5231-0**	**BS 5231-0**	PBT, Black, Accepts 3-5 mm cable diameter, solder terminals, accepts up to 24 AWG conductors, 85 °C, 60 VAC/75 VDC, 4 A, mates with 3-pin threaded cordsets and receptacles	**Female** 1 — 3 4 **Male** 3 — 1 4
BS 523(4)1-0 1.362 [34.6] REF ⌀.472 [12.0] M8x1 .984 [25.0] APPROX	**B 5241-0**	**BS 5241-0**	PBT, Black, accepts 3-5 mm cable diameter, solder terminals, accepts up to 24 AWG conductors, 85 °C, 30 VAC/36 VDC, 4 A, mates with 4-pin threaded cordsets and receptacles	**Female** 1 — 3 2 — 4 **Male** 3 — 1 4 — 2

M8 *picofast*® Connectivity

3 and 4-Pin Field Wireable Connectors, IDC

- **Insulation Displacement Technology**
- **No Conductor Stripping Required**
- **IEC IP67 Protection**

Housing Style	Female Part Number		Features	Pinout
B 513(4)6-0 1.831 [46.5] APPROX ø.504 [12.8] M8x1	**B 5136-0**	**BS 5136-0**	Nickel plated brass, accepts 4-5 mm cable diameter, IDC, accepts 22-26 AWG conductors, 85 °C, 32 V, 4 A, mates with 3-pin threaded cordsets and receptacles	**Female** 1 3 4 **Male** 3 1 4
BS 513(4)6-0 2.087 [53.0] APPROX ø.504 [12.8] M8x1	**B 5146-0**	**BS 5146-0**	Nickel plated brass, accepts 4-5 mm cable diameter, IDC, accepts 22-26 AWG conductors, 85 °C, 32 V, 4 A, mates with 4-pin threaded cordsets and receptacles	**Female** 1 3 2 4 **Male** 3 1 4 2

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

M8 Picofast to M12 Eurofast® Adapters

- **Enables Picofast and Eurofast Connectors to be interchanged**
- **Eurofast Connection has Anti-vibration Coupling Nut**
- **IEC IP67 Protection**

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Housing Style	Part Number	Features	Wiring Diagram
FKMR 4 .. ⌀.559 [14.2] M12x1 1.933 [49.1] 1.654 [42.0] ⌀.272 [6.9]	**FKMR 4-ESM 3S**	TPU body, 60 VAC/75 VDC, 4 A, 80 °C, female Eurofast, male snap-lock Picofast connector, 3-pin	1–1 2 3–3 4–4
	FKMR 4.4-ESM 4S	TPU body, 30 VAC/36 VDC, 4 A, 80 °C, female Eurofast, male snap-lock Picofast connector, 4-pin	1–1 2–2 3–3 4–4
FKMR 4 .. ⌀.748 [19.0] M12x1 2.205 [56.0] 1.909 [48.5] ⌀.378 [9.6] M8x1	**FSMR 4-SKM 3**	TPU body, 60 VAC/75 VDC, 4 A, 80 °C, male Eurofast, female threaded Picofast connector, 3-pin	1–1 3–3 4–4
	FSMR 4.4-SKM 4	TPU body, 30 VAC/36 VDC, 4 A, 80 °C, male Eurofast, female threaded Picofast connector, 4-pin	1–1 2–2 3–3 4–4

Add "/S857" to the end of part description to specify addition of mounting hole.

Pinouts

3-Pin Picofast	4-Pin Picofast	4-Pin Eurofast	3-Pin Picofast	4-Pin Picofast	4-Pin Eurofast
Female			Male		
1 3 4	1 3 2 4	4 3 1 2	1 3 4	1 3 2 4	4 1 3 2

Field Wireables