

Sensor Connectors and Cables





























The new family of BERSTEIN sensors (Inductive, capacitive, magnetic, photo-electronic, ultrasonic) is supplied either pre-cabled or to be connected via the popular M8, M12, or in some cases, miniature 6.5mm round connectors. A number of pre-wired connectors (some equipped with cable gland) are available as described below.

Specifications:

- Temperature range: -25°C to 90°C. Material, coupling ring: CuZn39Pb2 Brass
- Standards: CE, EN 60947-5-2



How to order connectors and cables (Order by Part No.)

| Part No. | Type | Contact scheme | Cable length | Cable type | Switching function | Material, coupler | Ingress protection | Connection |
|----------------|------|----------------|--------------|----------------------------|--------------------|-------------------|--------------------|--|
| BE413.9100.213 | M8 | A | 2m | PVC-3x0.25 mm ² | PNP/LED | TPU | IP67 | Angled  |
| BE413.9100.216 | M8 | A | 5m | PVC-3x0.25 mm ² | PNP/LED | TPU | IP67 | Angled  |
| BE413.9100.795 | M8 | A | 2m | PVC-3x0.25 mm ² | Universal | PU | IP68 | Straight  |
| BE413.9100.796 | M8 | A | 5m | PVC-3x0.25 mm ² | Universal | PU | IP68 | Straight  |
| BE413.9100.797 | M8 | A | 10m | PVC-3x0.25 mm ² | Universal | PU | IP68 | Straight  |
| BE413.9100.798 | M8 | A | 2m | PVC-3x0.25 mm ² | Universal | PU | IP68 | Angled  |
| BE413.9100.799 | M8 | A | 5m | PVC-3x0.25 mm ² | Universal | PU | IP68 | Angled  |
| BE413.9100.800 | M8 | A | 10m | PVC-3x0.25 mm ² | Universal | PU | IP68 | Angled  |
| BE413.9100.801 | M12 | B | 2m | PVC-3x0.34 mm ² | Universal | PU | IP68 | Straight  |
| BE413.9100.802 | M12 | B | 5m | PVC-3x0.34 mm ² | Universal | PU | IP68 | Straight  |
| BE413.9100.803 | M12 | B | 10m | PVC-3x0.34 mm ² | Universal | PU | IP68 | Straight  |
| BE413.9100.804 | M12 | B | 2m | PVC-3x0.34 mm ² | Universal | PU | IP68 | Angled  |
| BE413.9100.468 | M12 | B | 5m | PVC-3x0.34 mm ² | Universal | PU | IP68 | Angled  |
| BE413.9100.805 | M12 | B | 10m | PVC-3x0.34mm ² | Universal | PU | IP68 | Angled  |
| BE413.9100.903 | M12 | B | 5m | PVC-4x0.25mm ² | Universal | PA | IP68 | Angled  |
| BE413.9100.467 | M12 | B | 10m | PVC-4x0.25mm ² | Universal | PA | IP68 | Angled  |
| BE413.9100.244 | M12 | B | 2m | PU-4x0.34 mm ² | PNP/LED | PU | IP67 | Angled  |
| BE413.9100.245 | M12 | B | 5m | PU-4x0.34 mm ² | PNP/LED | PU | IP67 | Angled  |
| BE413.9100.254 | M12 | B | 10m | PU-4x0.34 mm ² | PNP/LED | PU | IP67 | Angled  |
| BE413.9100.102 | M12 | B | 2m | * Cable Gland | Universal | PA | IP67 | Straight  |
| BE413.9100.101 | M12 | B | 2m | * Cable Gland | Universal | PA | IP67 | Angled  |
| BE413.9100.553 | M12 | B | 2m | PVC-3x0.4 mm ² | Universal | TPU | IP68 | Angled  |
| BE413.9100.554 | M12 | B | 5m | PVC-3x0.4 mm ² | Universal | TPU | IP68 | Angled  |
| BE413.9100.956 | M12 | C | 2m | PVC-5x0.34 mm ² | Universal | PU | IP68 | Straight  |
| BE413.9100.219 | Ø6.5 | A | 2m | PVC-3x0.25 mm ² | Universal | PU | IP67 | Straight  |
| BE413.9100.220 | Ø6.5 | A | 5m | PVC-3x0.25 mm ² | Universal | PU | IP67 | Straight  |
| BE413.9100.221 | Ø6.5 | A | 2m | PVC-3x0.25 mm ² | Universal | PU | IP67 | Angled  |
| BE413.9100.222 | Ø6.5 | A | 5m | PVC-3x0.25 mm ² | Universal | PU | IP67 | Angled  |

Information subject to change without notice

Notes:

- Contact Assignment: A - 3-wire, 1=Brown - 2=Black, 3=Blue. B- 4-wire, 1=Brown - 2=White, 3=Blue, 4=Black. C- 5-wire, 1=Brown - 2=White, 3=Blue, 4=Black, 5=Grey.
- PA = Polyamide - PU = Polyurethane - TPU = Thermoplastic Polyurethane.
- Type Ø6.5 models are "snap-in" miniature connectors. M8, M12 are standard 1mm pitch threaded.