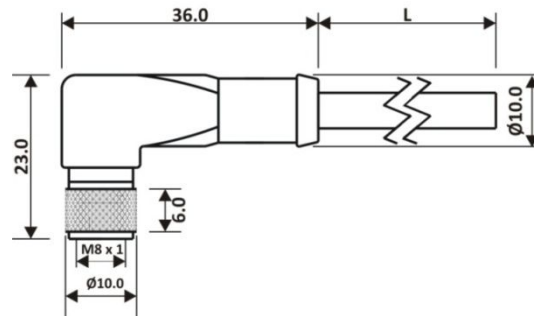


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All dimensions are in mm.

Table-1

M8x1 Pre-wired Socket, A-coding, Angled Jacket

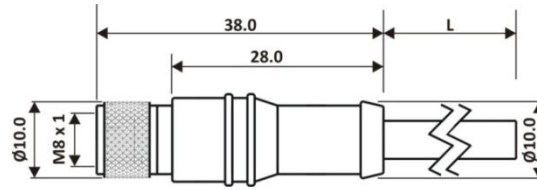
Number of poles/ wires	Length m ¹⁾	Shielded	Connections	Conductor	Katlux Item No.
3/3	2	-	1,3,4	0.34mm ²	CBF08-R33N0-02BP34
3/3	2	-	1,3,4	0.34mm ²	CBF08-R33N0-02BPUR ³⁾
3/3	2	-	1,3,4	0.25mm ²	CBF08-R33N0-02BPVC
3/3	3	-	1,3,4	0.34mm ²	CBF08-R33N0-03BPUR ³⁾
3/3	3	-	1,3,4	0.25mm ²	CBF08-R33N0-03BPVC
3/3	5	-	1,3,4	0.34mm ²	CBF08-R33N0-05BPUR ³⁾
3/3	5	-	1,3,4	0.25mm ²	CBF08-R33N0-05BPVC
3/3	10	-	1,3,4	0.25mm ²	CBF08-R33N0-10BPVC
4/3	2	-	1,3,4	0.34mm ²	CBF08-R43N0-02BPUR ³⁾
4/4	2	-	1-4	0.34mm ²	CBF08-R44N0-02BP34
4/4	2	-	1-4	0.34mm ²	CBF08-R44N0-02BPUR ³⁾
4/4	2	-	1-4	0.25mm ²	CBF08-R44N0-02BPVC
4/4	3	-	1-4	0.34mm ²	CBF08-R44N0-03BPUR ³⁾
4/4	3	-	1-4	0.25mm ²	CBF08-R44N0-03BPVC
4/4	4	-	1-4	0.25mm ²	CBF08-R44N0-04BPVC
4/4	5	-	1-4	0.25mm ²	CBF08-R44N0-05BPVC
4/4	10	-	1-4	0.25mm ²	CBF08-R44N0-10BPVC
4/4	10	X	1-4	0.25mm ²	CBF08-R44S0-10BPVC ²⁾
4/4	2	X	1-4	0.25mm ²	CBF08-R44S0-02BPVC ²⁾

- 1) Free length without socket housing.
- 2) Apply shield on the knurl nut.
- 3) Cable sheath material PUR.
- 4) Cable sheath colour Grey.



Specifications are subject to change without notice.

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All dimensions are in mm

Table-2

M8x1 Pre-wired Socket, A-coding, Straight Jacket

Number of poles/wires	Length m ¹⁾	Shielded	Connections	Conductor	Katlax Item No.
3/3	1	-	1,3,4	0.25mm ²	CBF08-S33N0-01BPVC
3/3	2	-	1,3,4	0.34mm ²	CBF08-S33N0-02BP34
3/3	2	-	1,3,4	0.34mm ²	CBF08-S33N0-02BPUR ³⁾
3/3	2	-	1,3,4	0.25mm ²	CBF08-S33N0-02BPVC
3/3	2	-	1,3,4	0.25mm ²	CBF08-S33N0-02GPVC ⁴⁾
3/3	3	-	1,3,4	0.25mm ²	CBF08-S33N0-03BPVC
3/3	5	-	1,3,4	0.34mm ²	CBF08-S33N0-05BPUR ³⁾
3/3	5	-	1,3,4	0.25mm ²	CBF08-S33N0-05BPVC
3/3	5	-	1,3,4	0.25mm ²	CBF08-S33N0-05GPVC ⁴⁾
3/3	10	-	1,3,4	0.25mm ²	CBF08-S33N0-10BPVC
3/3	2.5	-	1,3,4	0.25mm ²	CBF08-S33N0-2.5BPVC
3/3	20	-	1,3,4	0.25mm ²	CBF08-S33N0-20BPVC
4/4	2	-	1-4	0.34mm ²	CBF08-S44N0-02BP34
4/4	2	-	1-4	0.34mm ²	CBF08-S44N0-02BPUR ³⁾
4/4	2	-	1-4	0.25mm ²	CBF08-S44N0-02BPVC
4/4	3	-	1-4	0.25mm ²	CBF08-S44N0-03BPVC
4/4	5	-	1-4	0.25mm ²	CBF08-S44N0-05BPVC
4/4	5	-	1-4	0.25mm ²	CBF08-S44N0-05GPVC ⁴⁾
4/4	7	-	1-4	0.25mm ²	CBF08-S44N0-07BPVC
4/4	10	-	1-4	0.25mm ²	CBF08-S44N0-10BPVC
4/4	15	-	1-4	0.25mm ²	CBF08-S44N0-15BPVC
4/4	5	X	1-4	0.34mm ²	CBF08-S44S0-05BPUR ^{2) 3)}

- 1) Free length without socket housing.
- 2) Apply shield on the knurl nut.
- 3) Cable sheath material PUR.
- 4) Cable sheath colour Grey.



Specifications are subject to change without notice.

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Table-3

Connection details

Contact / Pole	Pin / Colour (Continuously)	Contact / Pole	Pin / Colour (Continuously)
1	1 / Brown	1	1 / Brown
3	3 / Blue	2	2 / White
4	4 / Black	3	3 / Blue
		4	4 / Black

4 BLACK
3 BLUE 1 BROWN

4 BLACK 2 WHITE
3 BLUE 1 BROWN

Table – 4

Cable length tolerance

≤0.3 m	+25 mm -0 mm
>0.3 m – 1.5 m	+50 mm -0 mm
>1.5 m – 3.0 m	+100 mm -0 mm
>3.0 m – 7.5 m	+150 mm -0 mm
>7.5 m	+5% -0%



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Execution	IEC / EN
Locking	Screw with internal threads M12x1 and sealing (Neoprene) Locking nut material: Brass (CuZn), Nickel Plated
Jacket	PU (Polyurethane), Black colour standard
Plug/Socket pin carrier	Nylon / PA (Polyamide)
Encoding	A - Coding
Pole/Cores	See Tables on Page 1 & 3
Cable	3x0.25mm ² PVC Shielded/Unshielded 3x0.34mm ² PVC Unshielded 3x0.34mm ² PUR Shielded/Unshielded 4x0.25mm ² PVC Shielded/Unshielded 4x0.34mm ² PVC Shielded/Unshielded 4x0.34mm ² PUR Unshielded
Braided shield / cover	Min. 80% 3x / 4x0.34mm ²
Lead Shielding	Shield on the knurl nut
Cable sheath	PVC or PUR, Black colour standard
Cable length tolerance	See Table - 4
Contact material	Socket: Brass (CuZn)
Contact Surface	Gold flash
Rated Voltage (IEC 60664-1)	3 Poles 60 V AC/DC 4 Poles 30 V AC/DC
Current carrying capacity (IEC 60512-3-5d)	3 & 4 Poles = 3A
Contact resistance (IEC 60512-2-2a)	As per manufacturer specification
Insulation resistance (IEC 60512-2-3a)	As per manufacturer specification
Mating cycles (IEC 60512-5-9a)	≥100
Protection (IEC 60529)	IP67 (when plugged in)
Pollution degree (IEC 60664-1)	3
Test voltage (IEC 60664-1)	As per IEC/EN 61076-2-104



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