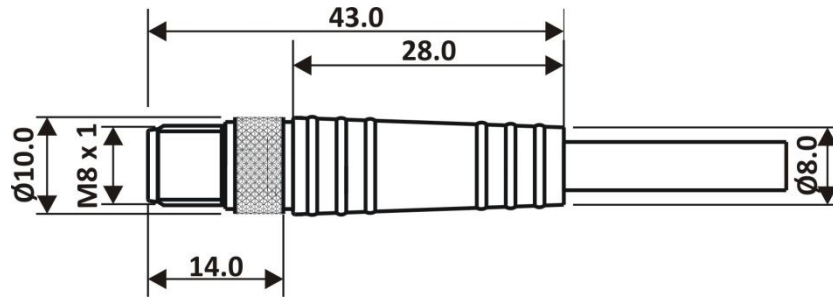


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All dimensions are in mm.

Table-1

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

Number of poles/ wires	Length m ¹⁾	Shielded	Connections	Conductor	Katlax Item No.
3/3	0.5	-	1,3,4	0.25mm ²	CBM08-S33N0-0.5BP25
3/3	1	-	1,3,4	0.25mm ²	CBM08-S33N0-01GPVC ⁴⁾
3/3	2	-	1,3,4	0.34mm ²	CBM08-S33N0-02BP34
3/3	2	-	1,3,4	0.25mm ²	CBM08-S33N0-02BPVC
3/3	5	-	1,3,4	0.25mm ²	CBM08-S33N0-05BPVC
4/4	2	-	1-4	0.34mm ²	CBM08-S44N0-02BP34
4/4	2	-	1-4	0.25mm ²	CBM08-S44N0-02BPVC
4/4	0.5	X	1-4	0.25mm ²	CBM08-S44S0-0.5BPVC 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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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

1 BROWN 4 BLACK 3 BLUE

2 WHITE 4 BLACK
1 BROWN 3 BLUE

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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