

M8 0850 ... T...CI

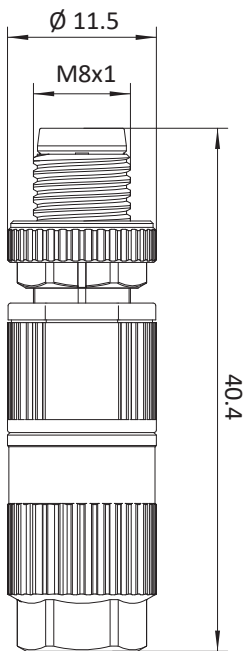
Field-attachable Connectors M8



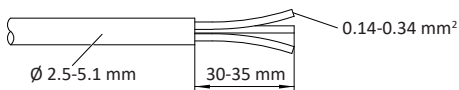
M8 connector, male, field-attachable, with insulation displacement connection (IDC), straight, A-coded, IP67

M8

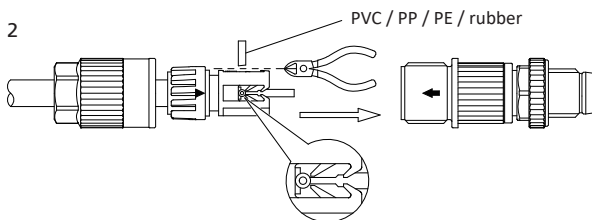
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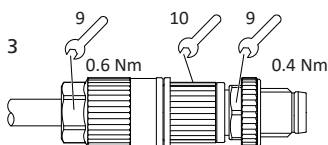
1



2



3



Environmental conditions

Temperature range -25 °C/+85 °C

Materials

Insulating body	PA
Contact pin	CuSn, gold-plated
Housing	PA
Knurled screw	Zn diecast, nickel-plated
Cap nut	Zn diecast, nickel-plated

Mechanical data

Tightening torque screw	0.4 Nm
Tightening torque cap nut	0.6 Nm
Spanner size	SW9
Protection class	IP67 ¹

¹ only in locked condition with an appropriate counterpart

Connectable conductors for IDT area

Section min.	AWG 26
Section max.	AWG 22
Cable diameter	2.5–5.1 mm

Electrical data (at T_{amb} 20 °C)

Rated current	4 A
Rated voltage	32 V AC/DC (with pollution degree 3)
Insulation resistance	> 100 MΩ

Associated products

Counterparts

☞ 0800 ... 0...	☞ 0800 ... 3...	☞ 0800F1 ... 0...
☞ 0800F1 ... 3...	☞ 0805 ... 0...	☞ 0805 ... 3...
☞ 0805F1 ... 0...	☞ 0806 ... L1 0...	☞ 0806 ... L1 3...
☞ 0810 0806 ... L1 3...	☞ 0820 ... T8CW ...	☞ 0821 ... T10CP
☞ 0822 ...S9 T8CP	☞ 0840 ... T...CI	☞ 1210 0800 ... 3...
☞ 1210 0806 ... L1 3...	☞ 5000 04L1 3...	☞ 5000 08L1 3...
☞ 5000 10L1 3...	☞ 5000 12L1 3...	☞ 5012 02 MFF
☞ 5012 04L1	☞ 5012 08L1	☞ 5012 10L1

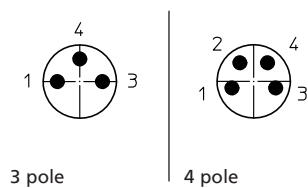
Accessories

☞ 9908 CPM0

M8

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Pin assignments for male M8 connectors, A-coded, front view



M8

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
0850 03 T5CI	3	1	1
0850 04 T5CI	4	1	1

Packaging:
in a plastic bag