

### For MELSEC negative common input

(D-Sub 37P ↔ MIL 40P)

## FA-CBL\*\*DMFX



### Features

- This cable is used to connect a MELSEC-Q/AnS series D-sub 37P connector-type negative common input module and a MELSEC-dedicated 32-point conversion module.
- The cable cannot be used with general-purpose 40P conversion modules.

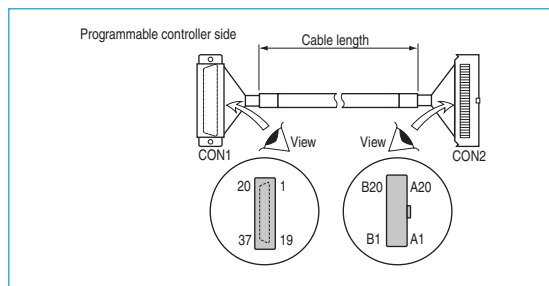
### Related Materials

General Specifications **7-1**

### Specifications

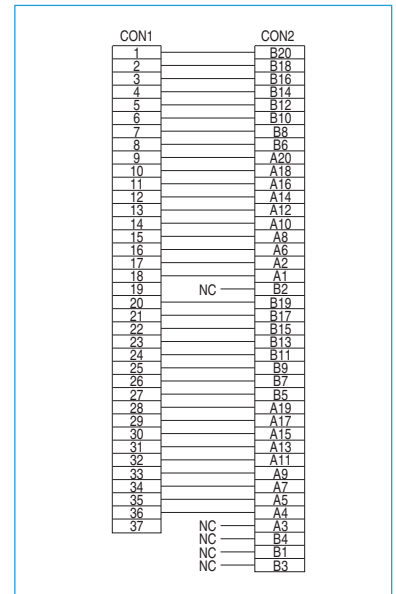
Item	Specifications
Programmable controller-side connector	1658612-1, 747275-1: Tyco Electronics AMP
Conversion module-side connector	D7940-7500SC, D3448-7940: Sumitomo 3M
Used cable	Round 40-core cable (black)
Conductor configuration	7/0.127 wires/mm (AWG#28)
Insulator outer diameter	0.88mm (0.04 inch)
Cable outer diameter, color	9.5mm (0.38 inch) (standard), black
Rated current	1A
Conductor resistance (20°C)	0.232Ω/m or less
Dielectric withstand voltage	500VAC for 1 minute
Insulation resistance	5MΩ·km or more
UL standard (cable area)	UL STYLE NO 2464 80°C 300V
Structure diagram	

### External Dimension



Model	Cable length	Weight
FA-CBL10DMFX	1m (39.38 inch)	Approx. 160g
FA-CBL20DMFX	2m (78.75 inch)	Approx. 270g
FA-CBL50DMFX	5m (196.86 inch)	Approx. 610g

### Wiring Diagram



### For MELSEC source output

(D-Sub 37P ↔ MIL 40P)

## FA-CBL\*\*DMFY



### Features

- This cable is used to connect a MELSEC-Q/AnS series D-sub 37P connector source-type output module and a MELSEC-dedicated 32-point conversion module.
- This cable cannot be used with general-purpose 40P conversion modules.

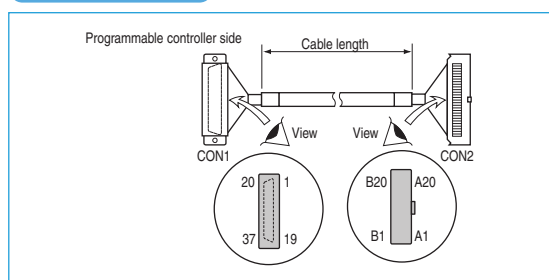
### Related Materials

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Programmable controller-side connector	1658612-1, 747275-1: Tyco Electronics AMP
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Used cable	Round 40-core cable (black)
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Insulator outer diameter	0.88mm (0.04 inch)
Cable outer diameter, color	9.5mm (0.38 inch) (standard), black
Rated current	1A
Conductor resistance (20°C)	0.232Ω/m or less
Dielectric withstand voltage	500VAC for 1 minute
Insulation resistance	5MΩ·km or more
UL standard (cable area)	UL STYLE NO 2464 80°C 300V
Structure diagram	

### External Dimension



Model	Cable length	Weight
FA-CBL10DMFY	1m (39.38 inch)	Approx. 160g
FA-CBL20DMFY	2m (78.75 inch)	Approx. 270g
FA-CBL50DMFY	5m (196.86 inch)	Approx. 610g

### Wiring Diagram

