

# Motor Connecting cable LAiO2 for SIMATIC MICRO-DRIVE on ECI Motoren Fa. ebm-papst



For use with:

SIMATIC MICRO-DRIVE



PDC100 (F)

Source: Siemens AG

Motoren Fa. ebm-papst

Baureihe  
ECI 42  
ECI 63



Source: ebm-papst

|  | <u>For standard applications</u>     | <u>For high end applications</u>                  |
|--|--------------------------------------|---|
| <b>Technical data</b>                                    |                                      |   |
| Sheat  | PVC                                  | TPE-U PUR   |
| Sheat colour   | black                                | black   |
| Outer ø app.   | 10,80 ø                              | 10,70 ø   |
| <b>Mechanical data:</b>                                  |                                      |   |
|  | For fixed installation, flexible use | For highly flexible use, suitable for drag chains |
| <b>Bending radius</b>                                    |                                      |   |
| fixed installation:                                      |                                      | >7,5 x cable ø                                    |
| flexible installation:                                   |                                      | >15 x cable ø                                     |
| <b>Thermal properties:</b>                               |                                      |   |
| <b>Temperature range</b>                                 |                                      |   |
| fixed installation:                                      | -20 to +80°C                         | - 20 to +105°C                                    |
| flexible installation:                                   | -15 to +80°C                         | - 20 to +105°C                                    |
| <b>Material-specific properties</b>                      |                                      |   |
| <b>Cable</b>   |                                      |   |
| flame resistant accord. to UL758/1581 / DIN EN 60332-2-2 | -                                    | ✓   |
| halogen-free   | -                                    | ✓   |
| LS0H (Low Smoke Zero Halogens)                           | -                                    | ✓   |
| silicone-free  | ✓                                    | ✓   |
| <b>Cable sheat</b>                                       |                                      |   |
| oil resistant accord. DIN EN 60811-404                   | -                                    | ✓   |
| smoke density accord. DIN EN 61034                       | -                                    | ✓   |
| UV-resistant   | -                                    | ✓   |
| generally good chemical resistance                       | ✓                                    | ✓   |
| seewater-resistance                                      | -                                    | ✓   |
| resistant to hydrolysis and microbes                     | -                                    | ✓   |

| Description  | Length            | Art.-Nr. for standard applications | Art.-Nr. for high end applications |                 |
|--|-------------------|------------------------------------|------------------------------------|-----------------|
|  |                   |                                    | UL-listed components               | UL-applications |
| All-in-One-connecting cable for SIMATIC MICRO-DRIVE PDC100 (F)<br><br>to Motoren Fa. ebm-papst<br>ECI 42.20/ -.40<br>ECI 63.20/ -.40/ -.60 | 0,5 m             | 70051400000050                     | 70051420000050                     | 70051470000050  |
|  | 1,5 m             | 70051400000150                     | 70051420000150                     | 70051470000150  |
|  | 3,0 m             | 70051400000300                     | 70051420000300                     | 70051470000300  |
|  | 5,0 m             | 70051400000500                     | 70051420000500                     | 70051470000500  |
|  | 10,0 m            | 70051400001000                     | 70051420001000                     | 70051470001000  |
|  | Any length < 10 m | 70051400000xxx                     | 70051420000xxx                     | 70051470000xxx  |