

## Data sheet

6GF3440-8BD1

### Product type designation

Product description

### Cable for ring lights, M12 / M16 / M16

12-core M16/M16 adapter cable with uncoupling of an M12 connector

Adapter cable MV400 ring lamps; permits the subsequent connection of 6GF3400-OLT0-7BA1 and 6GF3400-OLT0-8BA1 to MV420 and MV440 only with power supply via 6GF3440-8BA2 or 6GF3440-8BA4; Connections: M16, 12-pole socket; M16, 12-pole connector; M12, 4-pole socket; effective length 25 cm



|                                  |                                                                                               |
|----------------------------------|-----------------------------------------------------------------------------------------------|
| Suitability for use              | Y plug-in cable for later installation of an external ring light on an MV440                  |
| Wire length                      | 0.25 m                                                                                        |
| <b>Electrical data</b>           |                                                                                               |
| Number of electrical connections | 3                                                                                             |
| Type of electrical connection    | M16 (male, 12 pin, straight) / M16 (female, 12 pin, straight) / M12 (female, 4 pin, straight) |
| Operating voltage                |                                                                                               |
| • maximum                        | 300 V                                                                                         |
| <b>Mechanical data</b>           |                                                                                               |
| Number of electrical cores       | 4                                                                                             |
| Design of the shield             | unshielded                                                                                    |
| Outer diameter                   |                                                                                               |
| • of cable sheath                | 4.7 mm                                                                                        |
| Material                         |                                                                                               |
| • of the wire insulation         | PP                                                                                            |

|                                             |                           |
|---------------------------------------------|---------------------------|
| • of cable sheath                           | PUR                       |
| Color                                       |                           |
| • of the insulation of data wires           | brown, white, blue, black |
| • of cable sheath                           | Black                     |
| Bending radius                              |                           |
| • with single bend / minimum permissible    | 23.6 mm                   |
| • with multiple bends / minimum permissible | 23.6 mm                   |

#### Permitted ambient conditions

|                                           |                                                |
|-------------------------------------------|------------------------------------------------|
| Ambient temperature                       |                                                |
| • during operation                        | -15 ... +80 °C                                 |
| • during storage                          | -40 ... +80 °C                                 |
| • during transport                        | -40 ... +80 °C                                 |
| • during installation                     | -15 ... +80 °C                                 |
| Burning behavior                          | flame resistant according to CSA FT2 - HFT(UL) |
| Radiological resistance / to UV radiation | resistant                                      |

#### Product properties, functions, components / general

|                 |     |
|-----------------|-----|
| Product feature |     |
| • halogen-free  | Yes |

#### Standards, specifications, approvals

|                               |                   |
|-------------------------------|-------------------|
| UL/ETL listing / 300 V Rating | Yes; UL/CSA 20549 |
|-------------------------------|-------------------|

#### Further Information / Internet Links

|                                                   |                                                                                                                                       |
|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Internet-Link                                     |                                                                                                                                       |
| • to website: Selector SIMATIC NET SELECTION TOOL | <a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a> |
| • to website: Industrial communication            | <a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a>                                                     |
| • to website: Industry Mall                       | <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>                                                     |
| • to website: Information and Download Center     | <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>                                   |
| • to website: Image database                      | <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>                                               |
| • to website: CAx Download Manager                | <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>                                                                   |
| • to website: Industry Online Support             | <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>                                               |

**last modified:** 07/05/2019