SIEMENS

Data sheet	6GF3440-8BD1

Product type designation	Cable for ring lights, M12 / M16 / M16
Product description	12-core M16/M16 adapter cable with uncoupling of an M12 connector Adapter cable MV400 ring lamps; permits the subsequent connection of 6GF3400-0LT0-7BA1 and 6GF3400-0LT0-8BA1 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

Electrical data

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

Mechanical data

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	https://support.industry.siemens.com/cs/ww/en/view/67384964
• to website: Industrial communication	http://www.siemens.com/ident/rfid
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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