

connection cable 8-pole bare cable end, 3 m long, straight socket M12, for 2 A and 30 V



General technical data	
product brand name	SIRIUS
product designation	connection cable, socket 8-pole, 3 m
operational current at 40 °C rated value	2 A
operating voltage rated value	30 V
number of poles	8
insulation resistance	100 MΩ
wire length of connection cable	3 m
stripped length	50 mm
ambient temperature during operation	-25 ... +90 °C
connector coding of the M12 circular connector	A - Standard
type of electrical connection	connector M12
color coding of the core	Pin 1 = WH, Pin 2 = BN, Pin 3 = GN, Pin 4 = YE, Pin 5 = GY, Pin 6 = PK, Pin 7 = BU, Pin 8 = RD; (DIN 47100)
overvoltage category	2
degree of pollution	3
protection class IP	IP68
material	
<ul style="list-style-type: none"> <li>• of the contact</li> <li>• of contact coating</li> <li>• of contact main body</li> <li>• of the sealing ring</li> </ul>	<p>CuZn</p> <p>Ni/Au</p> <p>TPU GF</p> <p>NBR</p>

Certificates/ approvals		
General Product Approval	other	Environment



[Confirmation](#)

[Environmental Confirmations](#)

### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

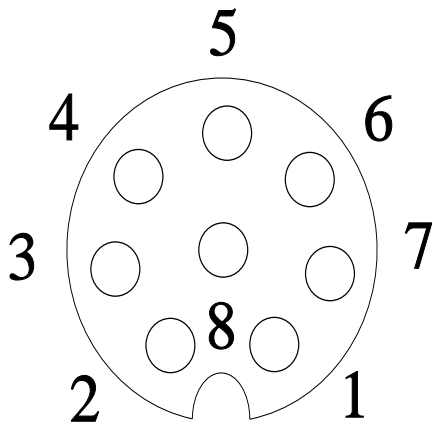
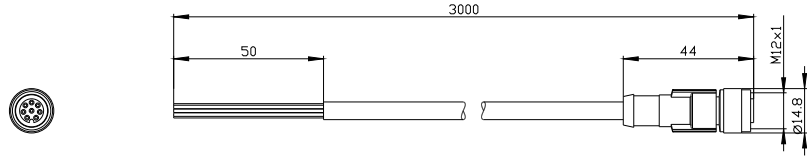
Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SX5601-2GA03>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SX5601-2GA03>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)



1	WH = White
2	BN = Brown
3	GN = Green
4	YE = Yellow
5	GY = Grey
6	PK = Pink
7	BU = Blue
8	RD = Red

last modified:

4/2/2025