SIEMENS

Data sheet 3SX5601-3SB54



Connection cable with M12 socket 4-pole, straight and free cable end 5 m long. For connection for position switch 3SE52, round magnetic switch 3SE66 or 8WD46 with 4-pole M12 plug.

General technical data	
product brand name	SIRIUS
operational current at 40 °C rated value	4 A
operating voltage rated value	250 V
number of poles	4
insulation resistance	100 MΩ
wire length of connection cable	5 m
ambient temperature during operation	-25 ... +85 °C
connector coding of the M12 circular connector	A - Standard
type of electrical connection	connector M12
color coding of the core	Pin 1 = BN, Pin 2 = WH, Pin 3 = BU, Pin 4 = BK
overvoltage category	2
degree of pollution	3
protection class IP	IP67
material	
● of the contact	CuSn
● of contact coating	Au
● of contact main body	PUR

Certificates/ approvals

General Product Approval	other
cULus, EAC, CE EG-Konf., UKCA	Confirmation, 产品合格 QC PASS

Environment

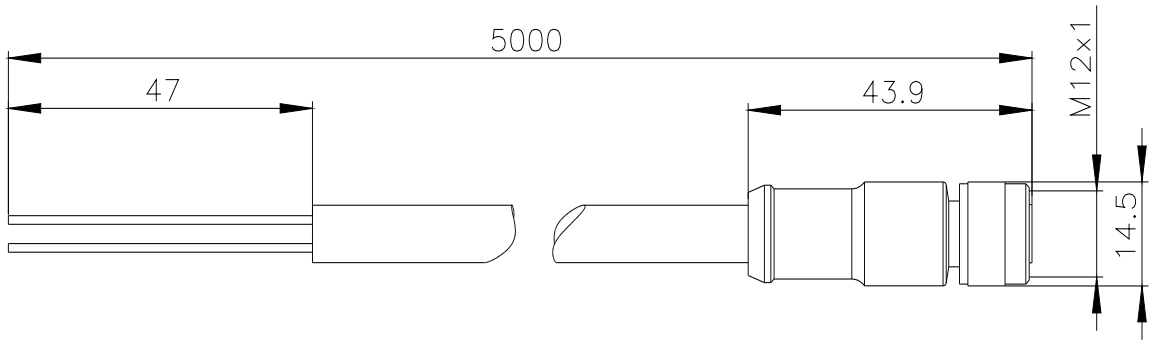
Environmental Confirmations

Further information

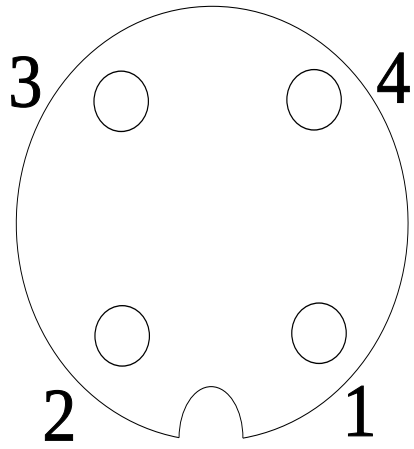
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Subject to change without notice
© Copyright Siemens

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SX5601-3SB54
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SX5601-3SB54
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SX5601-3SB54
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SX5601-3SB54&lang=en



Subject to change without notice
© Copyright Siemens



1	BN = Brown
2	WH = White
3	BU = Blue
4	BK = Black

last modified: 10/22/2025

Subject to change without notice
© Copyright Siemens