SIEMENS

Data sheet **3SX5100-1SS51**

Accessory for position switches 3SE51/52; M12 connector 5-pole, for M20 x 1.5; Pin1=Brown cable, Pin2=White cable, Pin3=Yellow-green cable, Pin4=Black cable, Pin5=Gray cable. Suitable for wiring sensors that are to be connected to all SIMATIC ET200 compact block I/O modules .

General technical data

operational current at 40 °C rated value	4 A
operating voltage rated value	60 V
number of poles	5
insulation resistance	100 MΩ
ambient temperature during operation	-40 ... +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 = GN/YE, pin 4 = BK, pin 5 = GY
overvoltage category	2
degree of pollution	3
protection class IP	IP67
material	
● of the contact	CuSn
● of contact coating	Au
● of contact main body	PA

Certificates/ approvals

General Product Approval	Declaration of Conformity	other
Confirmation	EAC CE EG-Konf. UKCA	Confirmation

Further information

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
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=3SX5100-1SS51
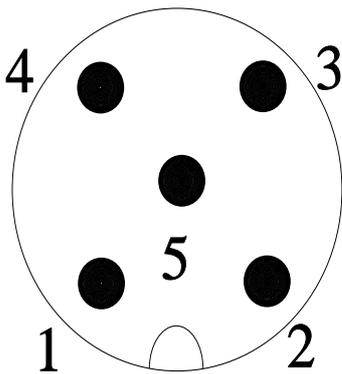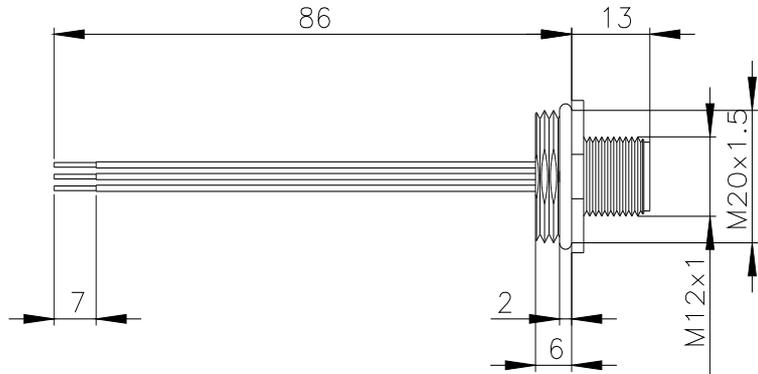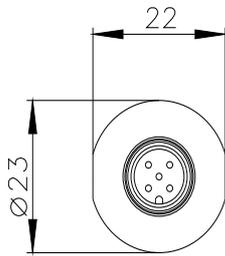**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SX5100-1SS51
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SX5100-1SS51
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SX5100-1SS51&lang=en

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22

Ø23

86

13

M20x1.5

M12x1

7

2

6

1	BN = Brown
2	WH = White
3	GN/YE = Green/Yellow
4	BK = Black
5	GY = Grey

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