SIEMENS

Data sheet   **8WD4613-5JH47**

electronically configurable signaling column, IO-Link, 9 segments, with acoustics, M12 plug, 4-pole

product brand name	SIRIUS
product designation	Electronically configurable signaling column
design of the product	signaling column for IO-Link
General technical data	
number of light segments	9
product function adjustable optical signal	Yes
product function adjustable acoustic signal	Yes
type of interface for parameter assignment	IO-Link
type of parameterization	IODD
type of voltage of the operating voltage	DC
operating voltage at DC rated value	24 V
relative positive tolerance of the operating voltage	20 %
relative negative tolerance of the operating voltage	20 %
insulation voltage (Ui) rated value	50 V
impulse withstand voltage (Uimp) rated value	330 V
operational current rated value	405 mA
consumed current minimum	65 mA
inrush current rated value	800 mA
design of external power supply required	SELV/PELV functional extra low voltage
overvoltage category	I
degree of pollution	3
reference code according to IEC 81346-2:2019	P
operating resource protection class according to IEC 61140	III
Lamp	
product component light source	Yes
type of light source	RGB-LED, multicolor
service life of LED	50 000 h
color of lens	clear
number of colors adjustable	1 000 000
design of the optical signal	blinking, flashing, continuous, double-flashes, triple-flashes, rotating
product function adjustable luminous intensity	Yes
light intensity	1.8 ... 7 cd
number of signal stages preset	3
design of the signal stages preset	
● 1	Green/Continuous light/3 light segments
● 2	Yellow/Continuous light/3 light segments
● 3	Red/Continuous light/3 light segments
flash frequency	1 Hz
flashing frequency	
● 1	1 Hz

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● 2	2 Hz
● 3	3 Hz

Acoustic signal

type of acoustic signal	multi-tone
type of acoustic signal preset	continuous tone
service life of acoustic signal device	5 000 h
loudness level	80 ... 105 dB
loudness level preset	80 dB
number of sounds adjustable	10
tone frequency preset	2.7 kHz
tone frequency of alternating tone	0.245 ... 6 kHz

Communication

operating mode at input/ output link	24-bit output
type of IO-Link device connectable	signaling column
IO-Link transfer rate	Com 3
protocol is supported IO-Link protocol	Yes
number of IO-Link ports	1
point-to-point cycle time between master and IO-Link device minimum	6 ms

Enclosure

height	271 mm
width	72 mm
outer diameter	72 mm
material	PC
color of the enclosure	black
fastening method	floor mounting, pipe mounting, angle mounting
protection class IP	IP66/IP69k
degree of protection NEMA rating	4/4X/12/13
type of electrical connection	M12 connector, 4-pole

Ambient conditions

ambient temperature during operation	-30 ... +60 °C

Certificates/ approvals

General Product Approval		EMC	Declaration of Conformity
[Confirmation](#)	UL EAC	RCM	UK CA CE EG-Konf.

other	
[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=8WD4613-5JH47
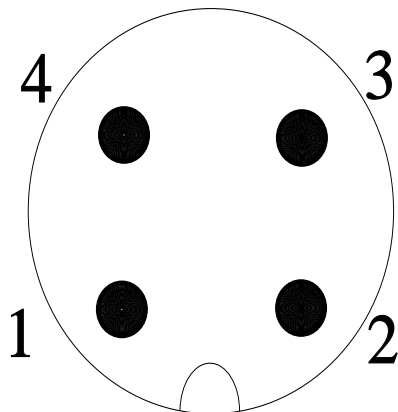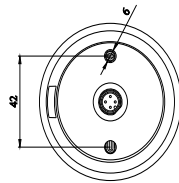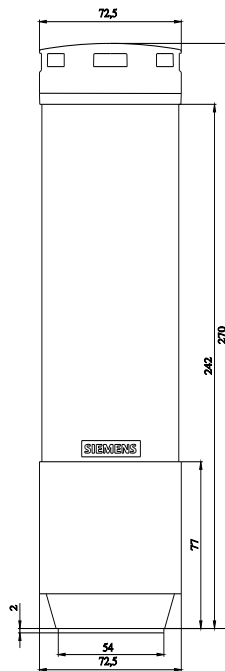**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=8WD4613-5JH47
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/8WD4613-5JH47
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=8WD4613-5JH47&lang=en

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1	L+
2	+24 V (optional)
3	L-
4	C/Q

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