SIEMENS

Data sheet 8WD4613-5HH37

electronically configurable signaling column, conventional, 9 segments, without acoustics, M12 plug, 8-pole

product brand name	SIRIUS
product designation	Electronically configurable signaling column
design of the product	standard signaling column
General technical data	
number of light segments	9
product function adjustable optical signal	Yes
product function adjustable acoustic signal	No
type of interface for parameter assignment	USB-C
type of parameterization	Software
type of voltage of the operating voltage	DC
operating voltage at DC rated value	24 V
relative positive tolerance of the operating voltage	10 %
relative negative tolerance of the operating voltage	10 %
insulation voltage (Ui) rated value	50 V
impulse withstand voltage (Uimp) rated value	330 V
operational current rated value	335 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
Communication	
protocol is supported IO-Link protocol	No
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 plug, 8-pole
Ambient conditions	
ambient temperature during operation	-30 ... +60 °C
Certificates/ approvals	

General Product Approval	EMC	Declaration of Conformity

Confirmation

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=8WD4613-5HH37
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=8WD4613-5HH37
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/8WD4613-5HH37
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=8WD4613-5HH37&lang=en

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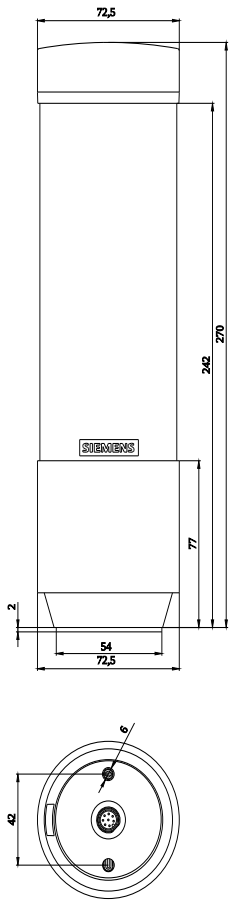

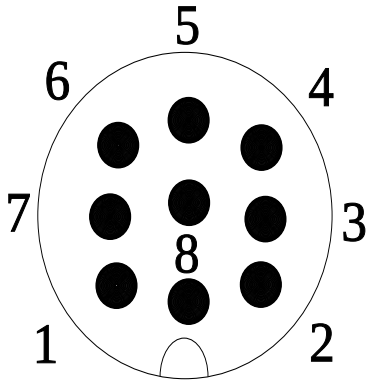

1	WH = White	Input 1
2	BN = Brown	Input 2
3	GE = Green	Input 3
4	YE = Yellow	Input 4
5	GY = Grey	Input 5
6	PK = Pink	Input 6
7	BU = Blue	COM
8	RD = Red	+24 V

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