



electronically configurable signaling column, IO-Link, 9 segments, without acoustics, M12 plug, 4-pole

product brand name	SIRIUS
product designation	Electronically configurable signaling column
design of the product	signaling column for IO-Link
<b>General technical data</b>	
number of light segments	9
product function adjustable optical signal	Yes
product function adjustable acoustic signal	No
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 (U <sub>i</sub> ) rated value	50 V
impulse withstand voltage (U <sub>imp</sub> ) 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
<b>Safety related data</b>	
MTTFd	45 a
<b>Lamp</b>	
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

<b>flashing frequency</b>	
• 1	1 Hz
• 2	2 Hz
• 3	3 Hz

### Communication

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

### Enclosure

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

### Ambient conditions

<b>ambient temperature during operation</b>	-30 ... +60 °C
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### Approvals Certificates

General Product Approval	other
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[Confirmation](#)

### 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>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=8WD4613-5HH47>

**Cax online generator**

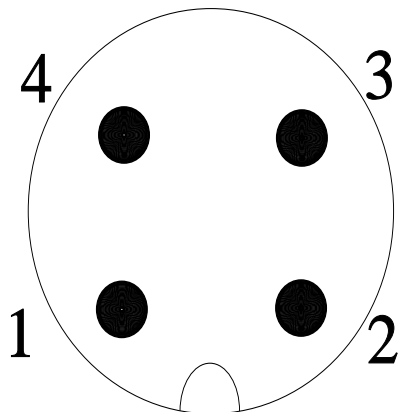
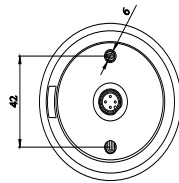
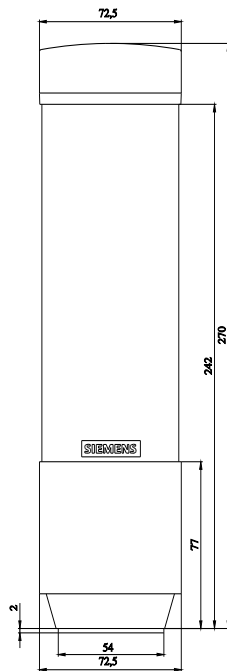
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=8WD4613-5HH47>

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

<https://support.industry.siemens.com/cs/ww/en/ps/8WD4613-5HH47>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=8WD4613-5HH47&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=8WD4613-5HH47&lang=en)



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