SIEMENS

Data sheet 8WD4615-5JH47



electronically configurable signaling column, IO-Link, 15 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	15
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	620 mA
consumed current minimum	95 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
Safety related data	
MTTFd	32 a
Lamp	
type of light source	RGB-LED, multicolor
light intensity	3 ... 12.5 cd
design of the signal stages preset 1	White/Continuous light/3 light segments
number of colors adjustable minimum	1 000 000
flash frequency	1 Hz
flash frequency	
● 1	1 Hz
● 2	2 Hz
● 3	3 Hz
product component light source	Yes
service life of LED	50 000 h
color of lens	clear
design of the optical signal	blink, flash, continuous, double flash, triple flash, pulsating

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product function adjustable luminous intensity	Yes
number of signal stages preset	5
design of the signal stages preset	
• 1	White/Continuous light/3 light segments
• 2	Blue/Continuous light/3 light segments
• 3	Green/Continuous light/3 light segments
• 4	Yellow/Continuous light/3 light segments
• 5	Red/Continuous light/3 light segments
flashing frequency	
• 1	1 Hz
• 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	0.2 ... 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	372 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
Environmental footprint	
Environmental Product Declaration(EPD)	Yes
Siemens eco profile (SEP)	Siemens EcoTech
Approvals Certificates	

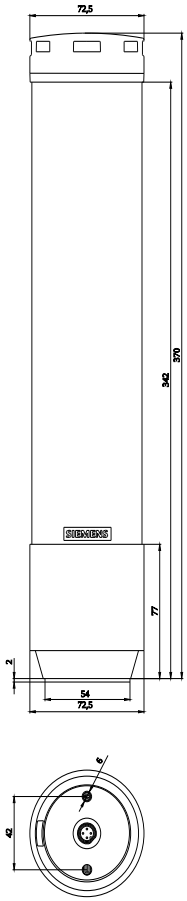
General Product Approval					**other**
		Confirmation			Confirmation

other	**Environment**
	Environmental Con-firmations

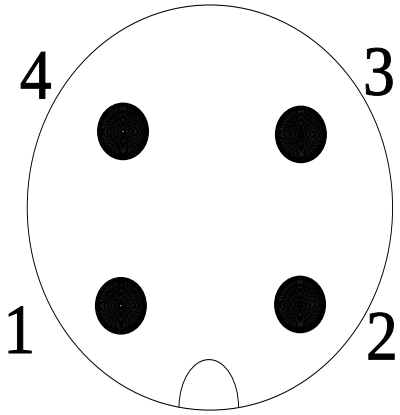
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Further information

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=8WD4615-5JH47
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=8WD4615-5JH47
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/8WD4615-5JH47
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=8WD4615-5JH47&lang=en



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

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