

DS2 MITTAAVA VALOVERHO, 150-2500 MM

DS2-05-07-120-JE

Valoverho, 1200mm, 10m, PNP, 0-10V, Ethernet, liitin

- Tunnistuskorkeus 150-2500 mm
- Resoluutio 6 mm tai 25 mm
- Tunnistusetäisyys 10 m
- Ohjelmointi dip-kytkimillä tai PC:llä



TUOTEKUVAUS

Datalogicin DS2 on mittaava valoverho. Käyttökohteena mm. kappaleen korkeuden tai paikan mittaaminen. Valoverhosta saa analogia- ja PNP-ulostulon pimenevien säteiden suhteessa. Valoverhoa on saatavana RS485- tai Ethernet-liitynnällä. Ohjelmointi voidaan tehdä dip-kytkimillä tai PC:llä.

Reaktioaika, RS485

	Tmin (ms)						Tmax (ms)	
		T2	T3	T4	T5	T6	T7	
Toiminta								
	Upper light beam	Upper light beam	Upper light beam	Upper light beam	Total beam status	Total beam status	Total beam status	Total beam status
	57600 baud	9600 baud	57600 baud	9600 baud	57600 baud	9600 baud	57600 baud	9600 baud
	Binary	Binary	ASCII	ASCII	Binary	Binary	ASCII	ASCII
DS2-05-07-015-JV	5,5	12,5	5,05	13	5,5	15	6,5	10
DS2-05-07-030-JV	7	14	7	14,5	7	18	8,5	21
DS2-05-07-045-JV	8,5	15,5	8,5	16	8,5	21	10	24
DS2-05-07-060-JV	10	17	10	18	10	26	12	38
DS2-05-07-075-JV	11,5	18,5	11,5	19	11,5	31	15	44
DS2-05-07-090-JV	13	20	13	20	13	36	17	54
DS2-05-07-105-JV	14,5	21,5	14,5	22	14,5	40	19	62
DS2-05-07-120-JV	17	24	17	24	17	44	21	70
DS2-05-07-135-JV	18,5	25	19	26	19	48	23	80

DS2-05-07-150-JV	20	26,5	21	28	21	53	25	84
DS2-05-07-165-JV	22	28	23	30	23	56	28	91
DS2-05-25-045-JV	5	11	5	11	5	13	6	18
DS2-05-25-060-JV	5,5	12	5,5	12,5	5,5	14,5	6,5	19,5
DS2-05-25-075-JV	6	13	6	13,5	6	16	7	21
DS2-05-25-090-JV	6,5	13,5	6,5	14,5	6,5	17,5	7,5	22,5

Reaktioaika - ETHERNET				
	Upper light beam		Total beam status	
	binary	ASCII	binary	ASCII
DS2-05-07-060-JE	10	10	10	12
DS2-05-07-075-JE	11,5	11,5	11,5	15
DS2-05-07-090-JE	13	13	13	17
DS2-05-07-120-JE	17	17	17	21
DS2-05-07-150-JE	20	21	21	25
DS2-05-07-165-JE	22	23	23	28

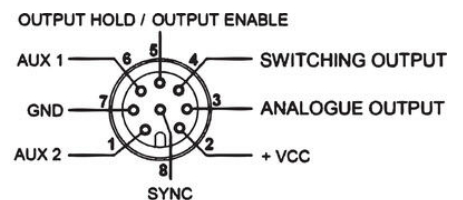
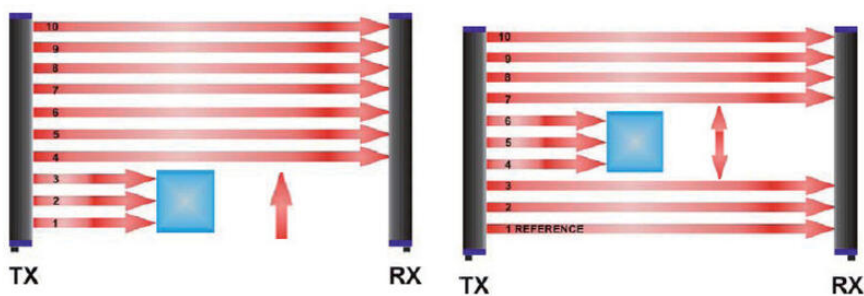
Esimerkki kappaleen paikasta

TEKNISET TIEDOT

TIEDOT

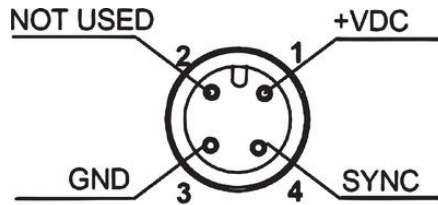
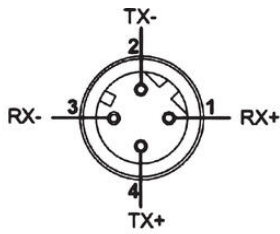
Anturin toimintaperiaate	Valoverho
Max. etäisyys	5000 mm
Min. etäisyys	300 mm
Käyttöjännite	24 V DC
Ulostulo	0-10 V, EtherNet/IP, PNP
Liitäntätyyppi	M12-liitin, 8-napainen, M12-liitin, 4-napainen

Valon tyyppi	IR LED
IP-luokka	IP65
Mitat (mm)	35 x 40 x 1285
Reaktioaika	5 ms
LED-indikointi	Kyllä
Linssin materiaali	PMMA
Rungon materiaali	Alumiini
Max. ulostulovirta	0,1 A
Max. virrankulutus	0,25 A
Max. käyttölämpötila	50 °C
Min. käyttölämpötila	0 °C
Max. varastointilämpötila	70 °C
Min. varastointilämpötila	-25 °C
Hyväksynnät	CE, cULus
Tunnistuskorkeus	1176 mm
Absoluuttinen mittaustarkkuus	6 mm
Suhteellinen mittaustarkkuus	± 6 mm



Main connector: M12 8-pole connector

- | | | |
|---|----------|-------------------------|
| 1 | = white | = AUX 2 |
| 2 | = brown | = +VDC |
| 3 | = green | = ANALOGUE OUT |
| 4 | = yellow | = SWITCHING OUTPUT |
| 5 | = grey | = OUT HOLD / OUT ENABLE |
| 6 | = pink | = AUX 1 |
| 7 | = blue | = GND |
| 8 | = red | = SYNC |

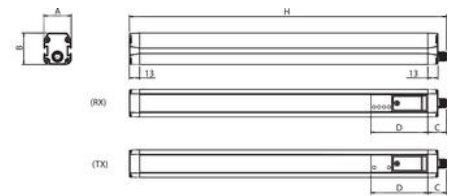


Secondary connector: M12 4-pole connector

- 1 = brown = RX +
- 2 = white = TX -
- 3 = blue = RX -
- 4 = black = TX +

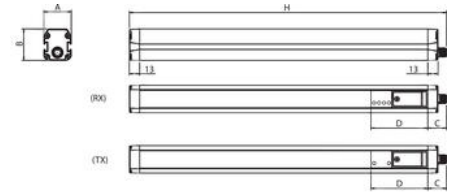
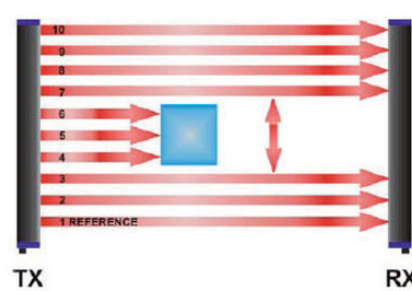
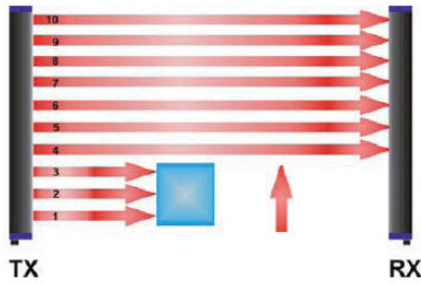
Main connector: M12 4-pole connector

- 1 = brown = +VDC
- 2 = white = NOT USED
- 3 = blue = GND
- 4 = black = SYNC



MODEL	A x B (mm)	h (mm)	C (mm)	D (mm)
DS2-05-07-015-XX	35 x 40	256	23.8	72.5
DS2-05-07-030-XX	35 x 40	403	23.8	72.5
DS2-05-07-045-XX	35 x 40	550	23.8	72.5
DS2-05-07-060-XX	35 x 40	697	23.8	72.5
DS2-05-07-075-XX	35 x 40	844	23.8	72.5
DS2-05-07-090-XX	35 x 40	991	23.8	72.5
DS2-05-07-105-XX	35 x 40	1138	23.8	72.5
DS2-05-07-120-XX	35 x 40	1285	23.8	72.5
DS2-05-07-135-XX	35 x 40	1432	23.8	72.5
DS2-05-07-150-XX	35 x 40	1579	23.8	72.5
DS2-05-07-165-XX	35 x 40	1726	23.8	72.5
DS2-05-25-045-XX	35 x 40	562	23.8	72.5
DS2-05-25-060-XX	35 x 40	713	23.8	72.5
DS2-05-25-075-XX	35 x 40	864	23.8	72.5
DS2-05-25-090-XX	35 x 40	1015	23.8	72.5

XX: JV for serial models or JE for Eth ERNEt models



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