



## DS2 - TERÜLETI FÉNYFÜGGÖNY ÉRZÉKELŐ DIGITÁLIS ÉS ANALÓG KIMENETTEL

Digitális és analóg kimenettel

DS2-05-07-120-JV  
957501020 Fényrácsmátrix, m = 1200 mm,  
RS485/analóg/1 PNP

- Mérési magasság: 150-2500 mm
- Felbontás 12mm-ig
- Adó és vevő között akár 10m távolság
- Programozott PC-n vagy DIP-switchen keresztül



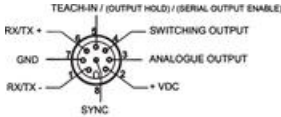
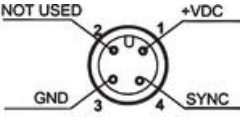
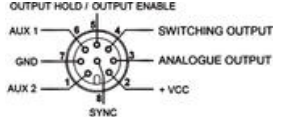
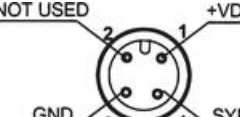
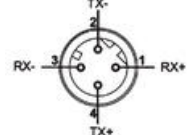
### TERMÉKLEÍRÁS

A DS2 fényfüggönyök alkalmasak az automatikus anyagmozgatásban való használatra. PNP kimenetet és analóg 0–10 V kimenetet is tartalmaznak. Léteznek RS485 porttal vagy Ethernetnel felszerelt modellek is. Beállításuk vagy a rajtuk található DIP-kapcsolóval, vagy PC-re telepített szoftverrel végezhető.

Reakcióidő – soros változat

|                  |                        | Reakcióidő – soros változat |                                                                                     |                        |                         |                         |                         |                         |           |
|------------------|------------------------|-----------------------------|-------------------------------------------------------------------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------|
|                  |                        | Tmin (ms)                   |  |                        |                         |                         |                         |                         | Tmax (ms) |
|                  |                        | T2                          | T3                                                                                  | T4                     | T5                      | T6                      | T7                      |                         |           |
| Rendelési szám   | Konfiguráció           |                             |                                                                                     |                        |                         |                         |                         |                         |           |
|                  | Legfelső<br>fény sugár | Legfelső<br>fény sugár      | Legfelső<br>fény sugár                                                              | Legfelső<br>fény sugár | Teljes<br>sugár állapot | Teljes<br>sugár állapot | Teljes<br>sugár állapot | Teljes<br>sugár állapot |           |
|                  | 57 600 baud            | 9600 baud                   | 57 600 baud                                                                         | 9600 baud              | 57 600 baud             | 9600 baud               | 57 600 baud             | 9600 baud               |           |
|                  |                        | Bináris                     | Bináris                                                                             | ASCII                  | ASCII                   | Bináris                 | Bináris                 | 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                      |           |



|                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Main connector: M12 8-pole connector</p> <p>1 = white = RX/TX+<br/> 2 = brown = +VDC<br/> 3 = green = ANALOGUE OUT<br/> 4 = yellow = SWITCHING OUTPUT<br/> 5 = grey = TEACH-IN / (OUT HOLD) / (SERIAL OUTPUT ENABLE)<br/> 6 = pink = RX/TX-<br/> 7 = blue = GND<br/> 8 = red = SYNC</p>     |  <p>Main connector: M12 4-pole connector</p> <p>1 = brown = +VDC<br/> 2 = white = NOT USED<br/> 3 = blue = GND<br/> 4 = black = SYNC</p>                                |
| <p>Ethernet változat – RX</p>  <p>Main connector: M12 8-pole connector</p> <p>1 = white = AUX 2<br/> 2 = brown = +VDC<br/> 3 = green = ANALOGUE OUT<br/> 4 = yellow = SWITCHING OUTPUT<br/> 5 = grey = OUT HOLD / OUT ENABLE<br/> 6 = pink = AUX 1<br/> 7 = blue = GND<br/> 8 = red = SYNC</p> | <p>Ethernet változat – TX</p>  <p>Main connector: M12 4-pole connector</p> <p>1 = brown = +VDC<br/> 2 = white = NOT USED<br/> 3 = blue = GND<br/> 4 = black = SYNC</p> |
|  <p>Secondary connector: M12 4-pole connector</p> <p>1 = brown = RX+<br/> 2 = white = TX-<br/> 3 = blue = RX-<br/> 4 = black = TX+</p>                                                                                                                                                         |                                                                                                                                                                                                                                                          |

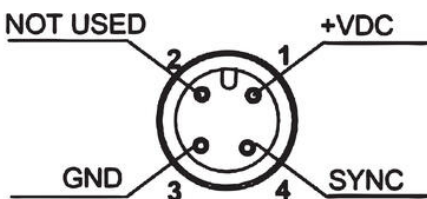
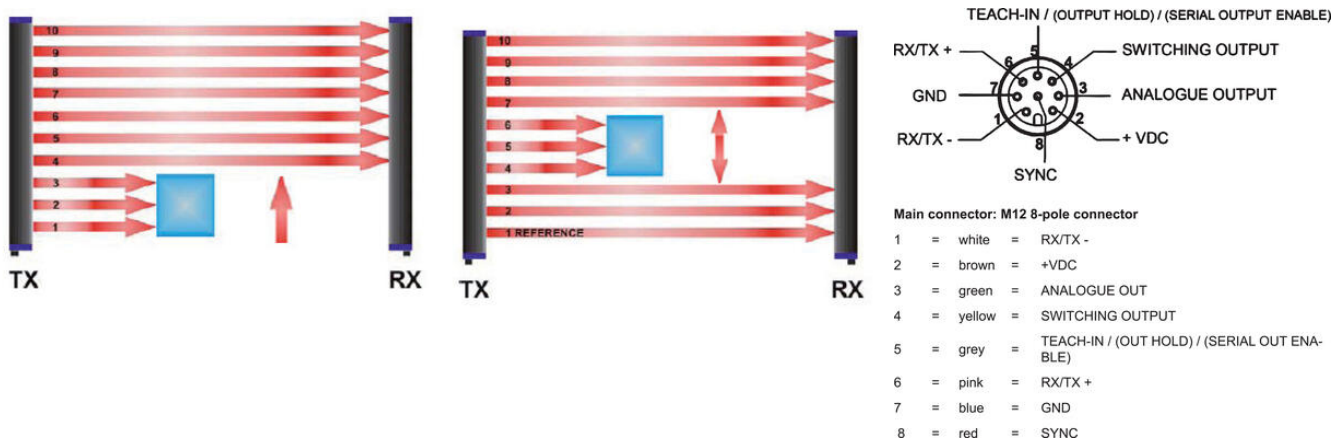
## ADATLAP

|         |          |
|---------|----------|
| Adatlap | Letöltés |
|---------|----------|

## MŰSZAKI ADATOK

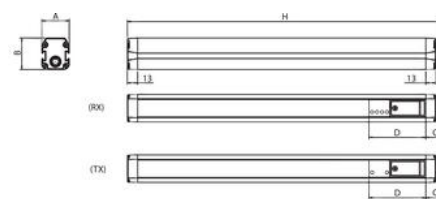
|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| <b>Abszolút mérési pontosság</b> | 6 mm                                               |
| <b>Dimension (mm)</b>            | 35 x 40 x 1285                                     |
| <b>Elektromos csatlakozás</b>    | M12, 8 pólusú csatlakozó, M12, 4 pólusú csatlakozó |
| <b>Érzékelési magasság</b>       | 1176 mm                                            |
| <b>Fotocellás technológia</b>    | Fényfüggőny-fotocella                              |
| <b>IP-osztály</b>                | IP65                                               |
| <b>Jóváhagyások</b>              | CE, cULus                                          |
| <b>Kilépés</b>                   | 0-10 V, PNP                                        |
| <b>LED-kijelzés</b>              | Igen                                               |
| <b>Lencse anyaga</b>             | PMMA                                               |

|                           |           |
|---------------------------|-----------|
| Light type                | IR LED    |
| Max. felvett teljesítmény | 0,25 A    |
| Max. kimeneti áram        | 0,1 A     |
| Max. tárolási hőmérséklet | 70 °C     |
| Max. távolság             | 5000 mm   |
| Max. üzemi hőmérséklet    | 50 °C     |
| Min. tárolási hőmérséklet | -25 °C    |
| Min. távolság             | 300 mm    |
| Min. üzemi hőmérséklet    | 0 °C      |
| Reakcióidő                | 5 ms      |
| Relatív mérési pontosság  | ± 6 mm    |
| Tápfeszültség             | 24 V DC   |
| Test anyaga               | Alumínium |



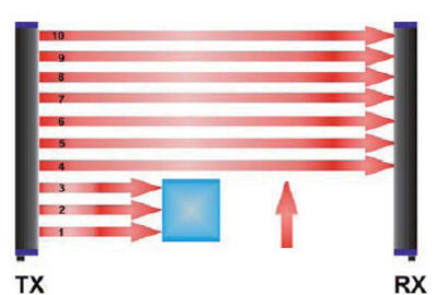
Main connector: M12 4-pole connector

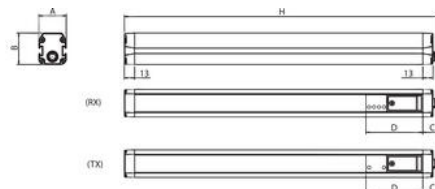
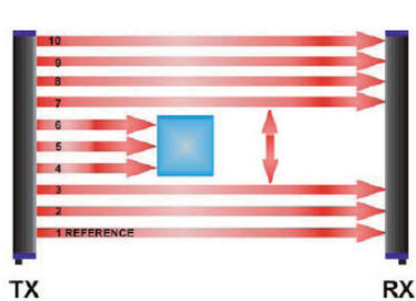
- 1 = brown = +VDC
- 2 = white = NOT USED
- 3 = blue = GND
- 4 = black = SYNC



| 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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