



## DATASENSING SMART-VS

Séria SMART-VS / VS+

SMART-VS-MR-5-150-WH-O

Kamera SMART-VS

- Inteligentný senzor
- Jednoduché používanie a inštalácia
- Pracovná vzdialenosť do 150 mm
- S podporou umelej inteligencie
- MLAS - nastavenie s podporou strojového učenia



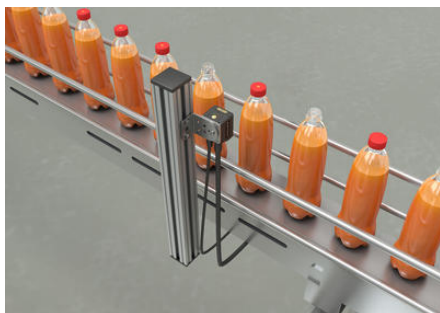
### PRODUCT DESCRIPTION

Smart-VS je chytrý senzor založený na technológii umelej inteligencie a strojového učenia. Zvonku je jednoduchý a je možné s ním zaobchádzať a používať ho ako štandardný fotoelektrický senzor, ale vo vnútri je výkonný a šikovný s multiprocesorovou platformou.

### SPECIFICATIONS

|                                    |                       |
|------------------------------------|-----------------------|
| Distance Min                       | 50 mm                 |
| Doba odozvy                        | 50 ms                 |
| Hmotnosť                           | 173 g                 |
| Integrated Communication Interface | Ethernet 10/100Mbit/s |
| Materiál                           | Hliník                |
| Max. vzdialenosť                   | 150 mm                |
| Napájacie napätie                  | 10-30 V DC            |
| Prevádzková teplota max.           | 50 °C                 |
| Prevádzková teplota min.           | -10 °C                |
| Rozlíšenie                         | 320 x 240 pixels      |
| Rozměr (mm)                        | 78 x 47 x 38          |
| Spotreba                           | 4,2 W                 |
| Teplota skladovania do             | 70 °C                 |
| Teplota skladovania od             | -20 °C                |

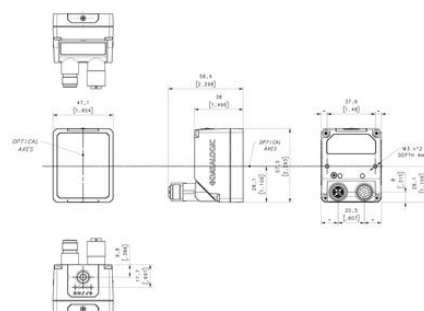
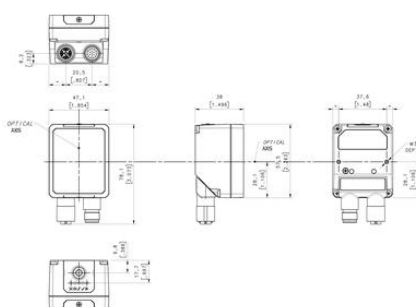
|               |                     |
|---------------|---------------------|
| Trieda krytia | IP65, IP67          |
| Viewing angle | 19°                 |
| Výstup        | NPN, PNP, Push/Pull |



| Application name        | Solved cases (OK / NOT OK) |  |  |  |
|-------------------------|----------------------------|--|--|--|
| Check label presence    |                            |  |  |  |
| Cap orientation         |                            |  |  |  |
| Cap presence            |                            |  |  |  |
| Check printing on label |                            |  |  |  |



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|-------------------------|--|
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| Pin                     | Name | Color        | Function                                   |
|-------------------------|------|--------------|--------------------------------------------|
| 1                       | V+   | Marron       | Power supply input voltage +               |
| 2                       | GND  | Bleu         | Power supply input voltage -               |
| Connector case: Chassis |      |              |                                            |
| 6                       | I1A  | Yellow       | I1A Trigger Input A (Polarity Insensitive) |
| 5                       | I1B  | Pink         | I1B Trigger Input B (Polarity Insensitive) |
| 13                      | I2A  | White/Green  | I2A Remote Teach-A (Polarity Insensitive)  |
| 3                       | I2B  | White        | I2B Remote Teach-B (Polarity Insensitive)  |
| 9                       | O1*  | Red          | Data Valid PP                              |
| 8                       | O2*  | Grey         | GOOD Output PP                             |
| 16                      | O3*  | Yellow/Brown | NO-GOOD Output PP                          |



| Pin | Name | Function                     |
|-----|------|------------------------------|
| 1   | Tx+  | Transmit data (positive pin) |
| 2   | Tx-  | Transmit data (negative pin) |
| 3   | Rx+  | Receive data (positive pin)  |
| 4   | Rx-  | Receive data (negative pin)  |
| 5   | nc   | Not Connected                |
| 6   | nc   | Not Connected                |
| 7   | nc   | Not Connected                |
| 8   | nc   | Not Connected                |