



# DATAVS2

959951300

**DATAVS2-06-DE-AOR-I**

DATAVS2 VISION SENSORS OFFER EASY  
CONFIGURABILITY

## OVERVIEW

Flexible and intuitive setup via PC through Ethernet

- Memorisation of 20 inspections
- 14 different controls
- 360° Contour Match for Professional models
- Logical operators: AND, OR, NOT, NAND, NOR, ecc.
- TURBO mode to double elaboration speed
- VSM compatibility
- Inspection & Identification functionalities together available on Professional models

## TECHNICAL FEATURES

### Detection properties

|                          |       |
|--------------------------|-------|
| Nominal sensing distance | 500mm |
|--------------------------|-------|

|                        |              |
|------------------------|--------------|
| Sensitivity adjustment | Teach-in/GUI |
|------------------------|--------------|

### Application

|                    |                             |
|--------------------|-----------------------------|
| Function Principle | Object + 360° pattern match |
|--------------------|-----------------------------|

|             |                              |
|-------------|------------------------------|
| Description | Block style case - Lens 6 mm |
|-------------|------------------------------|

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| Optic position                   | Radial 90°                                      |
| Functions                        | Object + 360° pattern match                     |
| Outputs                          |                                                 |
| Output type                      | 4xPNP, Ethernet                                 |
| Response time                    | 50                                              |
| Electrical data                  |                                                 |
| Operating Voltage                | 24VDC                                           |
| Short-circuit protection         | YES                                             |
| Reverse Polarity Protection      | Yes                                             |
| Emission                         | LED Infrared                                    |
| Impulsive Overvoltage Protection | Yes                                             |
| Insulation resistance            | >20 MΩ 500 Vdc, between electronics and housing |
| Contact resistance               | 500 Vac 1 min., between electronics and housing |
| Mechanical data                  |                                                 |
| Dimensions                       | 52x60x40                                        |
| Material                         |                                                 |
| Housing material                 | Metal - Aluminium / ABS                         |
| Connections                      | M12 plug                                        |
|                                  |                                                 |

|                      |      |
|----------------------|------|
| Active Head Material | PMMA |
|----------------------|------|

|                     |                |
|---------------------|----------------|
| Storage temperature | - 25°C...+70°C |
|---------------------|----------------|

#### Test/Approvals

|           |          |
|-----------|----------|
| Approvals | CE cULus |
|-----------|----------|

|                       |                                                                        |
|-----------------------|------------------------------------------------------------------------|
| Shocks and vibrations | 0.5 mm amplitude, 10 ... 55 Hz frequency, for every axis (EN60068-2-6) |
|-----------------------|------------------------------------------------------------------------|

#### Generical Data

|            |          |
|------------|----------|
| Dimensions | 52x60x40 |
|------------|----------|

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