

Control Unit

uniVision Profile Seam Tracking

BB1C009

Part Number



- Compact housing in 85 × 188 × 226 mm format
- Configurable uniVision software for welding seam tracking with 2D/3D profile sensors
- Control unit with installed uniVision Profile Seam Tracking software
- Wear and noise reduction thanks to passive, fan-less cooling

The control unit is a CPU for evaluating data from image processing products. Its compact design ensures the necessary flexibility for easy, space-saving installation, for example in a control cabinet or on a wall. Quick initial start-up is made possible by the pre-installed software. Various standard interfaces are available for the output of results. An extensive range of optional accessories is also available including monitor, keyboard and switch.

Technical Data

Electrical Data	
Supply Voltage	18...36 V DC
Current Consumption (U _b = 24 V)	< 2,2 A
Temperature Range	0...40 °C
Switching Output Voltage Drop	< 2,5 V
PNP Switching Output/Switching Current	100 mA
Electrical Isolation	yes
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Number of Switching Outputs	8
Number of Digital Inputs	8
Number of USB 2.0 interfaces	2
Number of USB 3.0 interfaces	2
Number of Gigabit Ethernet RJ45	2
Number of DVI ports	1
Number of display port interfaces	1
Number of VGA ports	1
Protection Class	III
Mechanical Data	
Housing Material	Metal
Degree of Protection	IP50
Wall mounting	yes
Function	
Profile analysis	yes
Welding seam tracking	yes
Robot interface	yes
Software	uniVision Profile Seam Tracking
Processor	Intel® Core i7
Clock Frequency	2,3 GHz
RAM	8 GB
Hard disk	250 GB SSD
Ethernet	●
Digital I/O	●
USB Interface	●
DVI-D port	●
VGA Connection	●
Display port connection	●
Suitable Mounting Technology No.	521

Complementary Products

2D/3D Profile Sensors MSL/MLWL
Control unit license upgrade
Key Pad Z0044
Monitor ZNNG026
Software
Switch EHSS001

