

ROBOVIEW

Patented anti-glare window
for automated welding systems



SEE
WHAT YOU
CAN DO

Unrestricted view of the action

Automated welding systems must also be checked and checked regularly. Ideally, this process control is carried out during and after welding. The roboview anti-glare window now makes exactly this possible. A darkened view during the welding process and a clear view before or after welding. This allows the arc to be optimally observed during welding. Thanks to the stepless controller, the brightness can be changed as desired.

When the robot is not welding, the roboview offers a clear view of the robot cell and the weld seam. This happens automatically because the roboview with the welding robot or the controller is coupled. This ensures that the anti-glare window is always darkened when the robot is welding.

Thanks to a field of view measuring 28 x 24 cm, the roboview offers an unrestricted view of what is happening and thus enables excellent monitoring of the welding process at all times.

Application

The roboview privacy window is active glare protection for installation in automated welding systems. The darkening is activated by activation of the robot controller or PLC without the disadvantages of optical arc detection. The light transmission can be continuously adjusted using the rotary knob.

This privacy window is suitable for monitoring the planned processes in a welding cell. The integrated UV/IR filter reliably protects the user from dangerous radiation. This privacy window is not personal protective equipment (PPE) within the meaning of EU Directive 2016/425.

Benefits

Avoidance of costly rejects through simple and convenient visual control by the operator.

The permanently unobstructed view now gives the opportunity for continuous process improvement outside the hazardous area.

Technical specifications

item number	5050,000	
Product description	Viewing window with darkening function for use in automated welding and cutting. Setting the protection level with a rotary knob. Control of the blackout by the robot or PLC.	
window size	Field of view: 280mm x 240mm Cutout for installation: 358mm x 302mm	
control	24VDC High active, 10mA max. 0VDC - 4VDC = light level 12 VDC - 25VDC = dark level	
protection level setting	Infinitely variable with a rotary knob	
light transmission	Light level Dark level Ultraviolet/Infrared protection	Protection level 3 Protection level 3-12 maximum in the entire protection level range
materials frame	Stainless steel	
operating temperatur	-10°C to +55°C / +14°F to +131°F	
areas of application	All electrical welding processes Not suitable for laser welding!	
scope of delivery	Viewing window including front panel, operating instructions	
Labelling	CE	
standards	ISO 25980:2014-10, EU 2014/30/EU, EN 61000-6-2:2019-11, EN 61000-6-2:2005/AC:2005, EN 61000-6-4:2020-09 EN 61000 -6-4/A1:2020-09	
warranty	From the date of purchase: 2 years for manufacturing and material defects	



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