

Inductive Sensors

SUN 73 COATING EXTENDS SENSOR LIFE IN WELDING APPLICATIONS

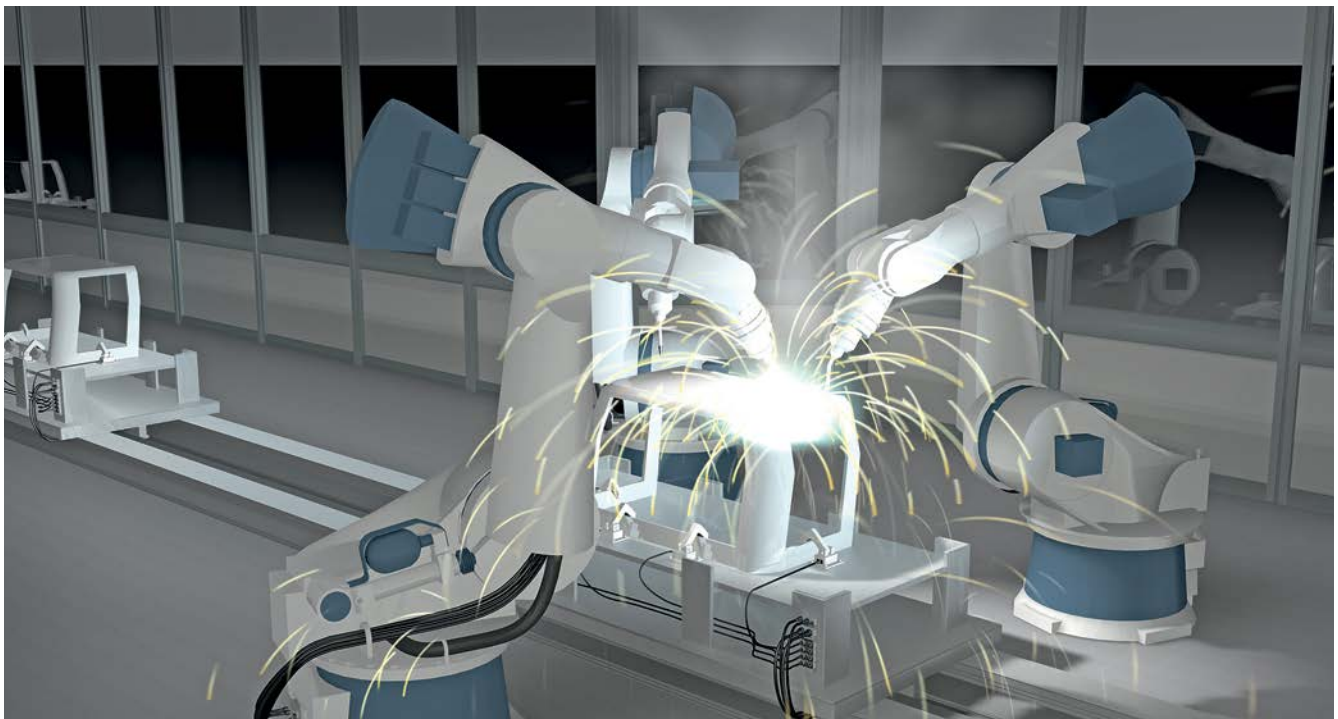
Balluff Sun 73 steel face sensors were designed for harsh weld spatter applications. The new Sun 73 coating is a high temperature coating designed to withstand hostile weld spatter that is prone to latching onto the sensor housing. Sun 73 offers a unique formula providing an increased thermal barrier in welding applications. Balluff's Sun 73-coated offerings are ideal for mig welding applications that produce high heat and weld spatter debris.

Features:

- Robust one-piece stainless steel housing
- Weld spatter resistant
- Advanced thermal barrier
- 2X sensing range

Advantages:

- Advanced formula for ease of cleaning
- Improved quality
- Reduced downtime





INDUCTIVE SENSORS

PNP NO	BES0569	BES056A	BES056C
NPN NO	BES0572	BES056Y	BES056Z
Size	M8x1	M12x1	M18x1
Connection	M12, 4-pin	M12, 4-pin	M12, 4-pin
Dimension	8x65 mm	12x65 mm	18x65 mm
Installation	For flush mounting	For flush mounting	For flush mounting
Range	2 mm	4 mm	7.2 mm
Housing material	Stainless steel	Stainless steel	Stainless steel
Surface protection	Weld-spatter resistant	Weld-spatter resistant	Weld-spatter resistant
Material sensing surface	Stainless steel	Stainless steel	Stainless steel
Operating voltage	10...30 VDC	10...30 VDC	10...30 VDC
Ambient temperature	-25...70 °C	-25...70 °C	-25...70 °C
IP rating	IP67	IP67	IP67
Approval / conformity	CE, CULus, EAC	CE, CULus, EAC	CE, CULus, EAC



ACCESSORIES

	BAM00A4	BAM00C6	BAM00F5
Description	Bunker Block II without positive stop, Copper plated steel mounting clamp for tubular M8 sensors	Bunker Block II without positive stop, Copper plated steel mounting clamp for tubular M12 sensors	Bunker Block II without positive stop, Copper plated steel mounting clamp for tubular M18 sensors



CONNECTORS

	BCC0EM1	BCC0EUC	BCC0J31	BCC0J36
Description	M12 straight – M12 straight, 2m silicone cable	M12 right angle – M12 straight, 2m silicone cable	M12 straight – M12 straight, 2m silicone tube cable	M12 right angle – M12 straight, 2m silicone tube cable