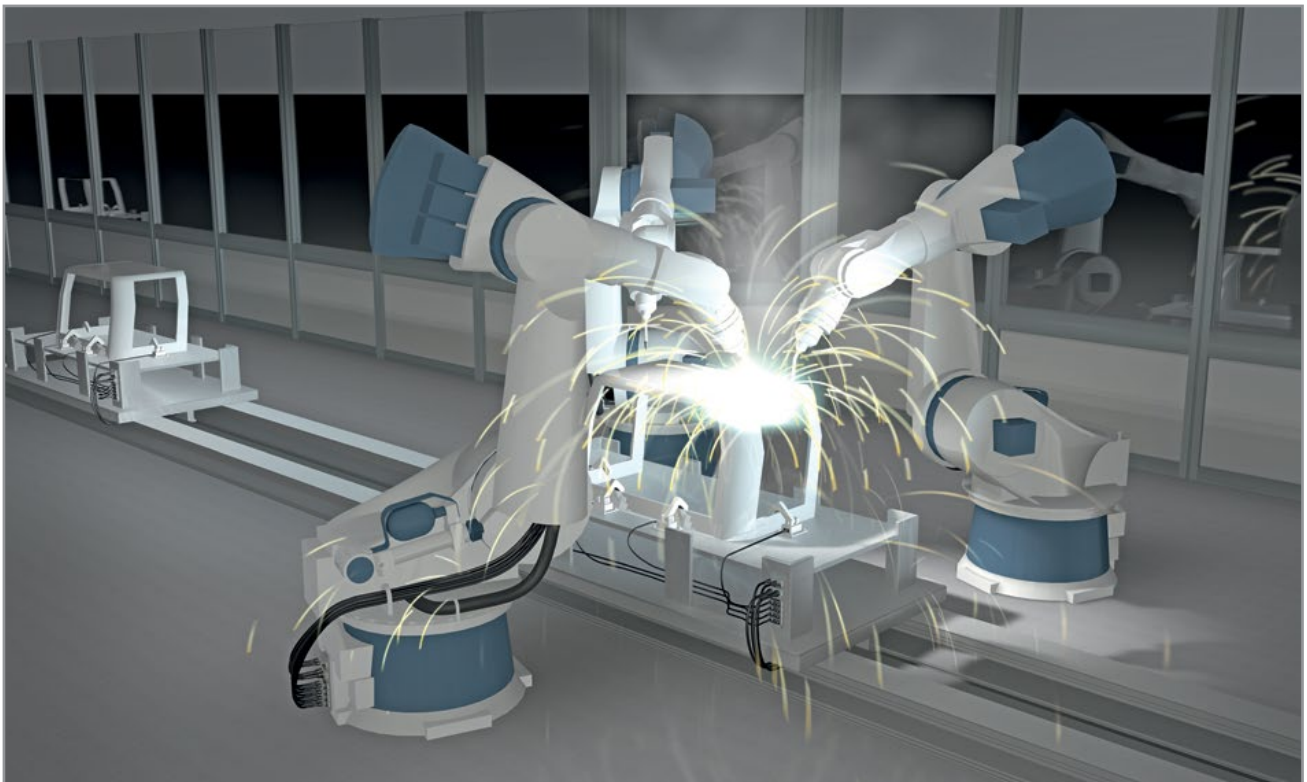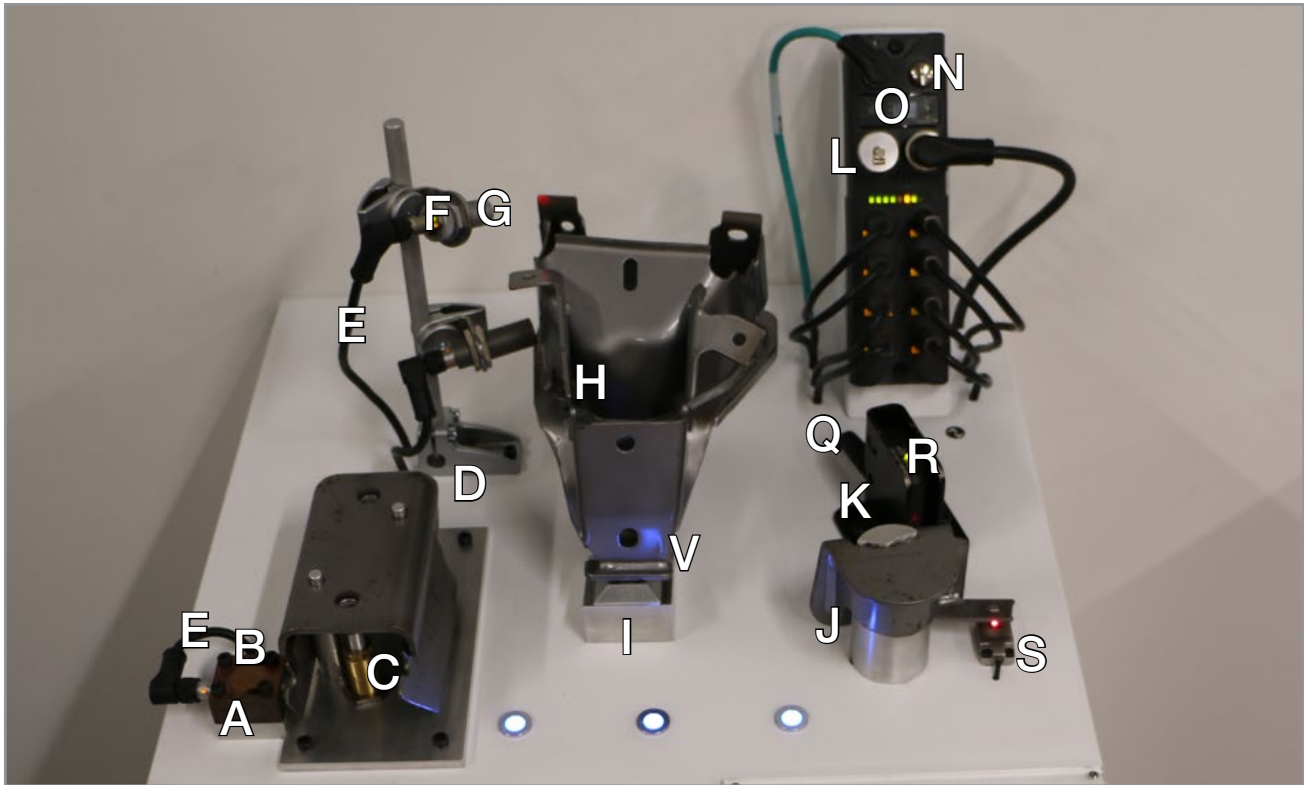# Automated Welding

Sensors, Protection & Connectivity

Poor sensor selection costs welders in every industry increased downtime, unnecessary maintenance, delayed delivery, and lost profits. Balluff presents a complete package of welding solutions that extends sensor life and increases productivity in the harshest welding environments.

These products have been tested in the harshest welding environments and provide significant process and part quality improvement.

- Stop wasting sensors and destroying connectors
- Change the paradigm of accepted high volume sensor usage
- Reduce downtime due to sensor failure
- Slash consumption of sensors and connectors
- Boost profitability throughout the plant

Letter	Order Code	Description
A	BAM00C6	Bunker block, M12, Copper plated steel
B	BES02NC	Inductive sensor, Connector, PNP, NO, Sn=4.00 mm, Flush (shielded), M12x1, Steelface, Slagmaster, PTFE
C	SET0167	Plunger prox with Inductive sensor, Chisel tip, M18 thread, PNP, NO, M12 Pigtail connection
D	SET016U	Kit: M18 sensor holder, 150 mm rod, knuckle, foot
E	BCC0EU9	Connector/cable, Female M12 90° angle/Male M12 straight, Silicone jacket, 1 m
F	BAM0247	PTFE Prox Mount, M12 sensors
G	BOS007T	Photoelectric sensor, M12 sensor, M16 thread, PNP, NO/NC, Sn= 60 mm (adjustable), Background suppression, M12x1
H	BES03MY	M18 Inductive sensor, M12 Connector, PNP, NO, Sn= 4.00 mm, Flush (shielded) M18x1, BunkerProx
I	BAM00NK	Mounting Bracket, RO1
J	BES04F6	Inductive sensor, Cable, PNP, NO, Sn=2.00 mm, Flush (shielded), 8.0x4.7x16.0 mm
K	BAM0155	Steel mounting bracket, Photoelectric sensor, Screw M6, 70 mm
L	BAM012T	Connector/cable, 7/8"-16, Anodized Aluminum port cover
N	BAM0114	M12 port cap, brass
O	BNI008Z	IP67 EtherNet/IP, 8 port, 16 configurable I/O
Q	BCC0ELZ	Connector/cable, M12 Female straight/M12 Male straight, Silicone jacket, 1 m
R	BOS0089	Photoelectric sensor, 26K series, Connector, PNP, NO-NC, Sn= 300 mm, Block (rotatable connection), M12x1
S	BOS021Z	Photoelectric sensor, R01E series, Cable, PNP, NC, Sn=100 mm, Block (90° connection) 20x0x32 mm, Diffuse
V	BES04RE	Flatpack Inductive Sensor(R01) Steelface, Flush (shielded), W51 Weld spatter coating, Sn= 5 mm