

DURABLE AND RELIABLE IN WELDING CELLS



WELD- IMMUNE

INDUCTIVE SENSORS

KEY ADVANTAGES

- ✓ Resistant to electromagnetic fields of up to 40 millitesla
- ✓ Extremely robust
- ✓ Easy to clean - even using harsh methods
- ✓ No false switching caused by metal dust or chips
- ✓ Factor 1 on steel and aluminum
- ✓ No extra protection needed
- ✓ Long operating distances

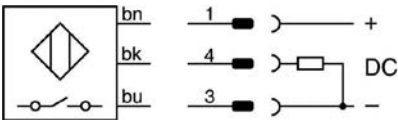
RANGE OVERVIEW	Housing size	Full Inox
WELD- IMMUNE	M8	p. 161
	M12	p. 161
	M18	p. 161

FAMILY	
HOUSING SIZE	
OPERATING DISTANCE MM	

INDUCTIVE

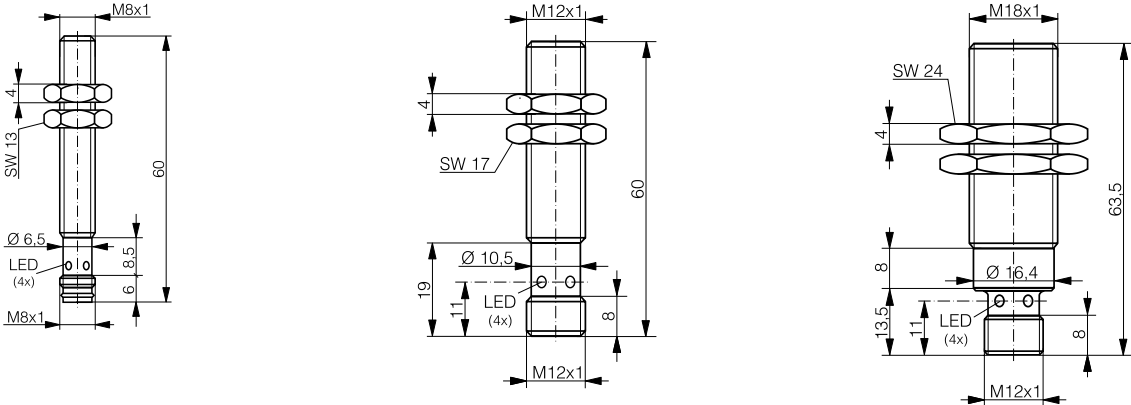
WIRING DIAGRAM

PNP NO



DATA	
Sensing face material	
Welding systems MF	
Welding systems 50 Hz	
Housing material	
Connection	
Degree of protection	
Mounting	
Max. switching frequency	
Supply voltage range	
Ambient temperature range	
Output current	
PNP NO	
PNP NO	
Other types available	

WELD-IMMUNE

FULL INOX			Inductive
M8	M12	M18	
3	6	10	
			Photoelectric
			Ultrasonic
			Capacitive
			Safety
			RFID
			Connectivity
Stainless steel V2A	Stainless steel V2A	Stainless steel V2A	Accessories
Up to 15 kA	Up to 15 kA	Up to 15 kA	
≤ 40 mT (-673) / 500 ms (-761)	≤ 40 mT (-673) / 500 ms (-761)	≤ 40 mT (-673) / 500 ms (-761)	Glossary
Stainless steel V2A	Stainless steel V2A	Stainless steel V2A	
Connector S8	Connector S12	Connector S12	Index
IP 68 / IP 69K	IP 68 / IP 69K	IP 68 / IP 69K	
Embeddable	Embeddable	Embeddable	
15 Hz (-673) / 1 Hz (-761)	15 Hz (-673) / 1 Hz (-761)	15 Hz (-673) / 1 Hz (-761)	
10 ... 30 VDC	10 ... 30 VDC	10 ... 30 VDC	
-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	-25 ... +70°C / -13 ... +158°F	
≤ 200 mA	≤ 200 mA	≤ 200 mA	
DW-AS-703-M8-673	DW-AS-703-M12-673	DW-AS-703-M18-673	
DW-AS-703-M8-761	DW-AS-703-M12-761	DW-AS-703-M18-761	