

METALHEAD™ SENSORS WITH SPATTERGUARD™

**HTM**<sup>TM</sup>  
SENSORS



- HARSH DUTY SENSORS FOR WELDING ENVIRONMENTS
- 1-PIECE STAINLESS STEEL FACE AND BODY CONSTRUCTION
- PTFE COATED FOR WELD SPATTER RESISTANCE
- 100 °C RATED FOR HOT WELD CELLS
- EXTENDED RANGE FOR RELIABLE DETECTION
- AVAILABLE WITH PNP, NPN, AND AC OUTPUT FUNCTIONS



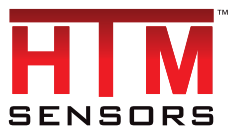
HTMSENSORS.COM

# METALHEAD™ SENSORS WITH SPATTERGUARD™ SPECIFICATIONS



	M8 PICO	M8 MICRO	M12	M18	M30
SENSING DISTANCE	2 mm	2 mm	4 mm	8 mm	15 mm
OPERATING VOLTAGE	10-30 VDC				
OPERATING TEMPERATURE	-25 °C - +100 °C				
HOUSING MATERIAL	1-piece Face and Body - PTFE Coated Stainless Steel				
<b>PART NUMBERS</b>					
WELD FIELD IMMUNE PNP - Open	WCS1-0802P-ACS3-PTFE-100C	WCS1-0802P-ARU4-PTFE-100C	WCS1-1204P-ARU4-PTFE-100C	WCS1-1808P-ARU4-PTFE-100C	WCS1-3015P-ARU4-PTFE-100C
DC 3-wire 10-30 V PNP - Open	ECS1-0802P-ACS3-PTFE-100C	ECS1-0802P-ARU4-PTFE-100C	ECS1-1204P-ARU4-PTFE-100C	ECS1-1808P-ARU4-PTFE-100C	ECS1-3015P-ARU4-PTFE-100C
DC 3-wire 10-30 V PNP - Closed	ECS1-0802P-BCS3-PTFE-100C	ECS1-0802P-BRU4-PTFE-100C	ECS1-1204P-BRU4-PTFE-100C	ECS1-1808P-BRU4-PTFE-100C	ECS1-3015P-BRU4-PTFE-100C
DC 3-wire 10-30 V NPN - Open	ECS1-0802N-ACS3-PTFE-100C	ECS1-0802N-ARU4-PTFE-100C	ECS1-1204N-ARU4-PTFE-100C	ECS1-1808N-ARU4-PTFE-100C	ECS1-3015N-ARU4-PTFE-100C
DC 3-wire 10-30 V NPN - Closed	ECS1-0802N-BCS3-PTFE-100C	ECS1-0802N-BRU4-PTFE-100C	ECS1-1204N-BRU4-PTFE-100C	ECS1-1808N-BRU4-PTFE-100C	ECS1-3015N-BRU4-PTFE-100C
DC 2-wire 10-30 V - Open	ECS1-0802C-ACS3-PTFE-100C	ECS1-0802C-ARU4-PTFE-100C	ECS1-1204C-ARU4-PTFE-100C	ECS1-1808C-ARU4-PTFE-100C	ECS1-3015C-ARU4-PTFE-100C
AC 110-220 V - Open	N/A	N/A	ECS1-1204A-AUL3-PTFE-100C	ECS1-1808A-AUL3-PTFE-100C	ECS1-3015A-AUL3-PTFE-100C

METALHEAD™ SENSORS WITH SPATTERGUARD™ ARE THE BEST CHOICE FOR AUTOMATED WELD CELLS WHERE A MORE DURABLE SENSOR IS REQUIRED TO REDUCE DOWNTIME.



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