

HIGH TEMPERATURE WELD FIELD IMMUNE  
METALHEAD™ SENSORS

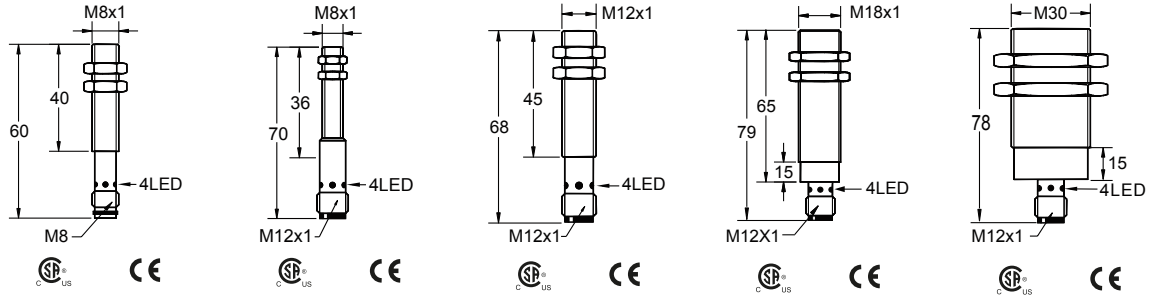
**HTM**<sup>TM</sup>  
SENSORS



- HARSH DUTY SENSORS FOR WELDING ENVIRONMENTS
- 1-PIECE STAINLESS STEEL OR TITANIUM FACE AND BODY CONSTRUCTION
- BLACK SPATTERGUARD™ COATING FOR WELD SPATTER RESISTANCE
- 120 °C RATED FOR HOT WELD CELLS
- EXTENDED RANGE FOR RELIABLE DETECTION
- WELD FIELD IMMUNE CIRCUITRY



# HIGH TEMPERATURE WELD FIELD IMMUNE METALHEAD™ SENSORS SPECIFICATIONS



SENSING DISTANCE	2 mm	2 mm	4 mm	8 mm	15 mm
OPERATING VOLTAGE	10-30 VDC				
OPERATING TEMPERATURE	-25 °C - +120 °C				
MOUNTING STYLE	Shielded				
HOUSING MATERIAL	1-piece Face and Body - Black SpatterGuard™ Coated Titanium or Stainless Steel				

### TITANIUM SERIES PART NUMBERS

DC 3-wire 10-30 V PNP - Open	ECS1-0802P-ACL3-PTFE-120C-WFI-TC4	ECS1-0802P-ARU4-PTFE-120C-WFI-TC4	ECS1-1204P-ARU4-PTFE-120C-WFI-TC4	ECS1-1808P-ARU4-PTFE-120C-WFI-TC4	ECS1-3015P-ARU4-PTFE-120C-WFI-TC4
DC 3-wire 10-30 V PNP - Closed	ECS1-0802P-BCL3-PTFE-120C-WFI-TC4	ECS1-0802P-BRU4-PTFE-120C-WFI-TC4	ECS1-1204P-BRU4-PTFE-120C-WFI-TC4	ECS1-1808P-BRU4-PTFE-120C-WFI-TC4	ECS1-3015P-BRU4-PTFE-120C-WFI-TC4
DC 3-wire 10-30 V NPN - Open	ECS1-0802N-ACL3-PTFE-120C-WFI-TC4	ECS1-0802N-ARU4-PTFE-120C-WFI-TC4	ECS1-1204N-ARU4-PTFE-120C-WFI-TC4	ECS1-1808N-ARU4-PTFE-120C-WFI-TC4	ECS1-3015N-ARU4-PTFE-120C-WFI-TC4
DC 3-wire 10-30 V NPN - Closed	ECS1-0802N-BCL3-PTFE-120C-WFI-TC4	ECS1-0802N-BRU4-PTFE-120C-WFI-TC4	ECS1-1204N-BRU4-PTFE-120C-WFI-TC4	ECS1-1808N-BRU4-PTFE-120C-WFI-TC4	ECS1-3015N-BRU4-PTFE-120C-WFI-TC4

### STAINLESS SERIES PART NUMBERS

DC 3-wire 10-30 V PNP - Open	ECS1-0802P-ACL3-PTFE-120C-WFI	ECS1-0802P-ARU4-PTFE-120C-WFI	ECS1-1204P-ARU4-PTFE-120C-WFI	ECS1-1808P-ARU4-PTFE-120C-WFI	ECS1-3015P-ARU4-PTFE-120C-WFI
DC 3-wire 10-30 V PNP - Closed	ECS1-0802P-BCL3-PTFE-120C-WFI	ECS1-0802P-BRU4-PTFE-120C-WFI	ECS1-1204P-BRU4-PTFE-120C-WFI	ECS1-1808P-BRU4-PTFE-120C-WFI	ECS1-3015P-BRU4-PTFE-120C-WFI
DC 3-wire 10-30 V NPN - Open	ECS1-0802N-ACL3-PTFE-120C-WFI	ECS1-0802N-ARU4-PTFE-120C-WFI	ECS1-1204N-ARU4-PTFE-120C-WFI	ECS1-1808N-ARU4-PTFE-120C-WFI	ECS1-3015N-ARU4-PTFE-120C-WFI
DC 3-wire 10-30 V NPN - Closed	ECS1-0802N-BCL3-PTFE-120C-WFI	ECS1-0802N-BRU4-PTFE-120C-WFI	ECS1-1204N-BRU4-PTFE-120C-WFI	ECS1-1808N-BRU4-PTFE-120C-WFI	ECS1-3015N-BRU4-PTFE-120C-WFI

Short body versions available upon request.

NOTE: Specifications subject to change without notification.

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

