

# KSM6-AP-3H Cut Sheet



AutomationDirect inductive proximity sensor, tubular, 12mm diameter x 45mm body, 316 stainless steel housing, PNP, N.O. output, 4mm sensing distance, flush, 2 kHz switching frequency, IP65 IP66 IP67 IP68 IP69K, 4-pin M12 quick-disconnect.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/KSM6-AP-3H>

## Technical Specifications

Brand	AutomationDirect
Item	Proximity sensor
Sensor Type	Inductive
Application	Welding and factor 1
Shape	Tubular
Housing Size	12mm diameter x 45mm body
Housing Material	316 stainless steel
Barrel Type	Threaded
Sensing Method	Extended sensing, factor 1
Adjustable	No
Number of Wires	3
Switching Output	PNP
Operation Mode	N.O. output

Sensing Distance	4mm
Mounting Type	Flush
IO-Link Compatible	No
Switching Frequency	2 kHz
Operating Voltage	10-30 VDC
Operating Temperature	-40 to 85C
Weld Field Immune	Yes
Chip Immune	No
IP Rating	IP65 IP66 IP67 IP68 IP69K
Connection	4-pin M12 quick-disconnect
Includes	Mounting hardware
Additional Information	Purchase cable separately

## Agency Approvals

UL Listed File #	E328811
UL Recognized File #	None
UL Hazardous File #	None
CE	<a href="#">View CE declarations</a>
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	<a href="#">View EU REACH document</a>

## Dimensional Drawings



2D Drawing PDF Link:  
<https://cdn.automationdirect.com/static/drawings/KSM6-AP-3H.pdf>  
See store item page for other formats.