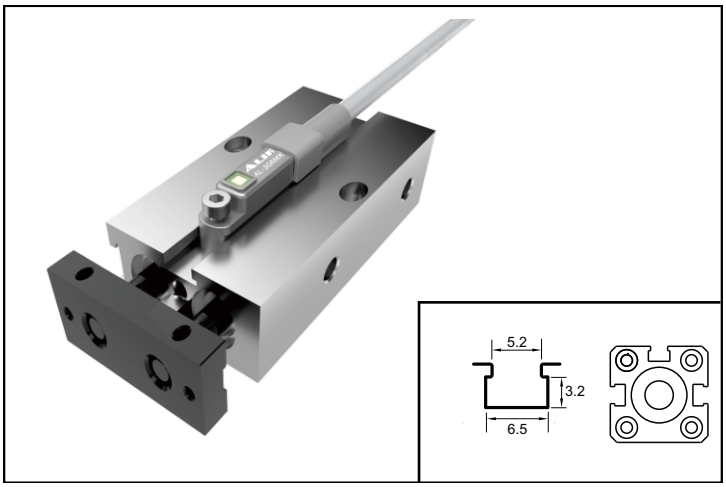
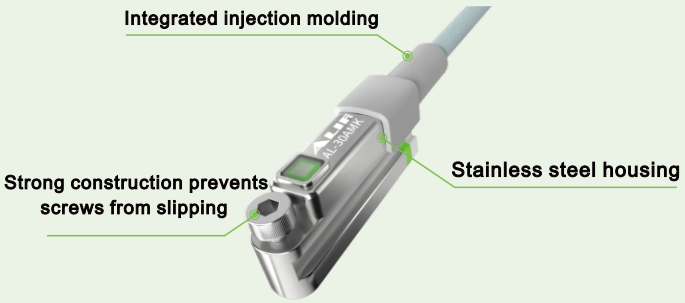


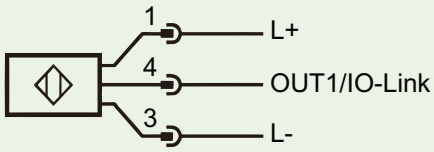
Strong magnetic field resistant sensor



SPECIFICATION

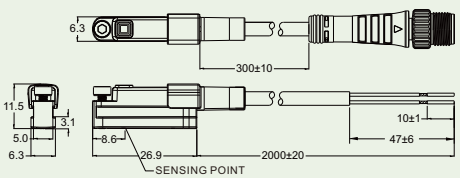
Item	Function Description	Item	Function Description
Operating voltage（V）	15~30 V DC	Surge protection	Yes
Current consumption（mA）	< 10 mA	Static electricity protection	Yes
Output signal mode	Switch signal / IO-Link	Reverse connection protection	Yes
Output signal logic selection	PNP / NPN / IO-Link	Short-circuit protection	Yes
Output signal function selection	Normally open / Normally closed	Overload protection	Yes
Free setting（Gs）	Programmable	Over-temperature protection	Yes
Voltage drop（V）	≤ 1.0 V	Diagnostic function	Yes
Leakage current （uA）	≤ 100 uA	SIO model	Yes
Switching current（mA）	≤ 200 mA	Strong magnetic immune function	Yes
Switching frequency（Hz）	200 Hz	Communication protocol	IO-Link
Temperature range（℃）	-20 ~ +80	Transmission speed	COM2 (38.4 kBaud)
Enclosure sealing protection	IP68	SDCI standard	IEC 61131-9

Connection Diagram



PIN	Description
1	L+
3	L-
4	Switch signal / IO-Link signa

AL-30AMK
AL-30AMK-QJ8
AL-30AMK-QC12(QJ12)
AL-30AMK-EZ2M

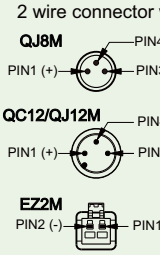


AL-30AMKN(P)
AL-30AMKN(P)-QJ8
AL-30AMKN(P)-QC12(QJ12)
AL-30AMKN(P)-EZ3M

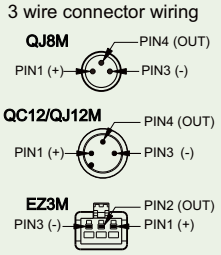
Options: See part number codes descriptions on page 09

QUICK CONNECTOR (IEC61076-2-101/IEC61076-2-104)

2 wire connector wiring



3 wire connector wiring



IP68 REACH CE CNEx RoHS