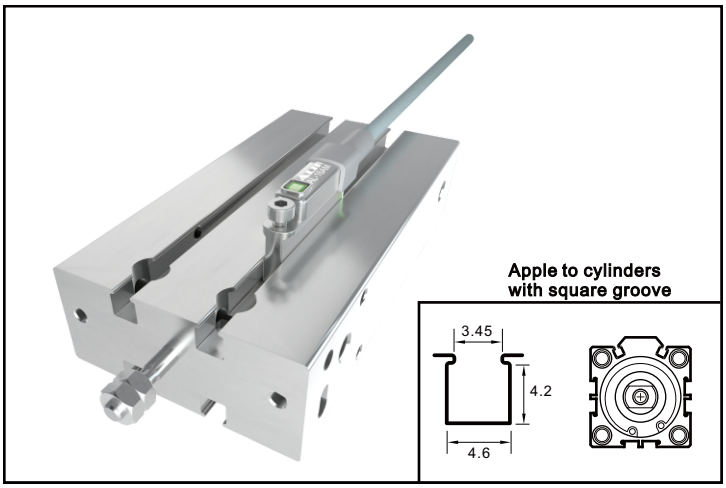
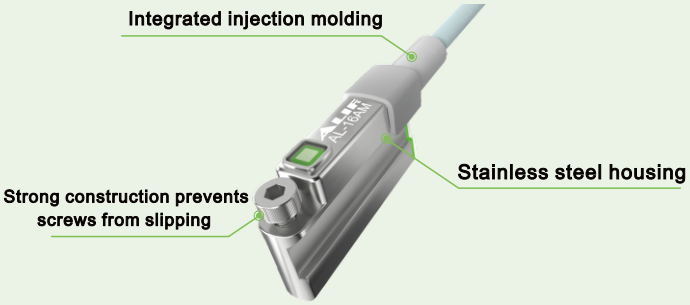
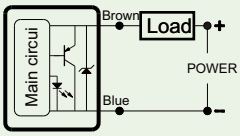
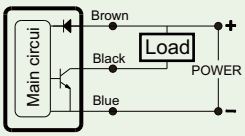
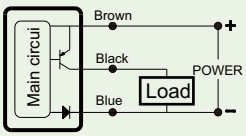


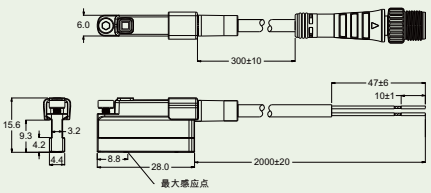
Strong magnetic field resistant sensor



SPECIFICATION

TYPE / CHARACTERISTIC	AL - 16AM	AL - 16AMN	AL-16AMP
SWITCHING LOGIC	Normally Open	Solid State Output, Normally Open	
SENSOR TYPE	2 Wire Solid State	NPN Current Sinking	PNP Current Sinking
OPERATING VOLTAGE	8~30V DC	5~30V DC	
SWITCHING CURRENT	1 ~ 50 mA	0 ~ 200 mA	
SWITCHING RATING	1.5 W Max.	6 W Max.	
Resistance to strong magnetic currents	AC 17000A	AC 17000A	AC 17000A
VOLTAGE DROP	4.7V Max. @ 50mA DC	0.8 V Max. @ 200 mA DC	
LEAKAGE CURRENT	0.9 mA Max.	0.01 mA Max.	
INDICATOR	Red LED	Red LED	Green LED
CABLE	Φ3.6, 2C, Slag resistant PU cable	Φ3.6, 3C, Slag resistant PU cable	
SENSITIVITY	⩾60Gs	⩾60Gs	
SWITCHING FREQUENCY	25 Hz	25 Hz	
TEMPERATURE RANGE	-20~80℃	-20~80℃	
SHOCK	50 G	50 G	
VIBRATION	9 G	9 G	
ENCLOSURE CLASSIFICATION	IP 68 (GB/T 4208-2017)	IP 68 (GB/T 4208-2017)	
PROTECTION CIRCUIT	Power reverse protection Surge suppression overload protection short circuit protection		
CE Certificate NO.	**E8A 053334 0014**	**E8A 053334 0014**	**E8A 053334 0014**
3C Certificate NO.	/	/	
CNEx Certificate NO.	**CNEx21.2238X**	**CNEx21.2239X**	
Connection Diagram			

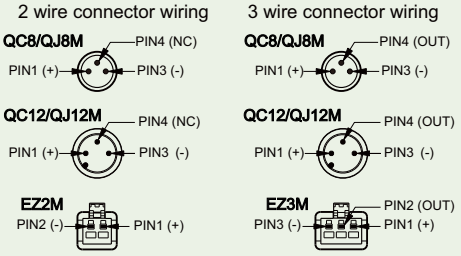
AL-16AM
AL-16AM-QJ8
AL-16AM-QC12(QJ12)
AL-16AM-EZ2M



AL-16AMN(P)
AL-16AMN(P)-QJ8
AL-16AMN(P)-QC12(QJ12)
AL-16AMN(P)-EZ3M

Options: See part number codes descriptions on page 09

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



IP68 REACH CE CNEx RoHS