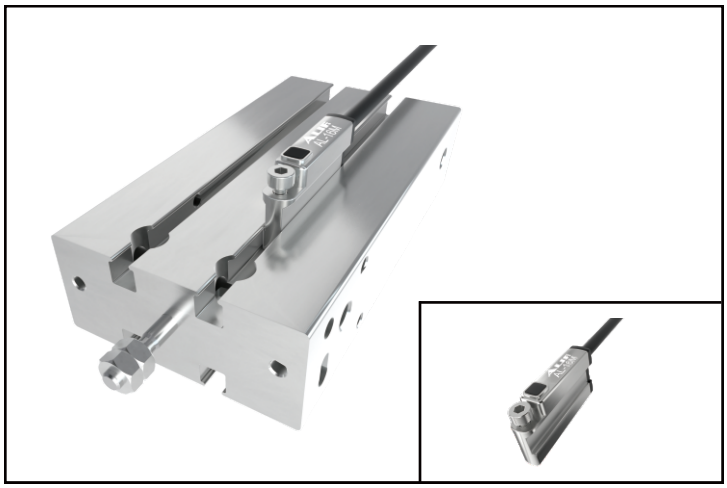
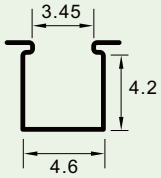


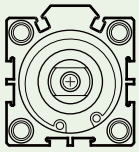
Stable between -40~125℃

Stainless steel housing

Oil-resistant Corrosion-resistant

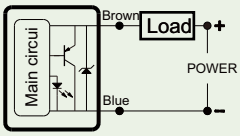
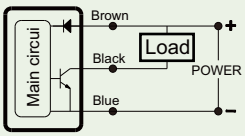
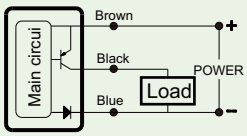
Food Grade, Halogen Free



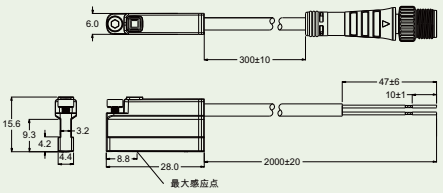


Apply to cylinders with square groove form

SPECIFICATION

TYPE / CHARACTERISTIC	AL - 16MDF-HT125	AL - 16MN-HT125	AL - 16MP-HT125
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	8~30V DC	
SWITCHING CURRENT	1 ~ 50 mA	0 ~ 200 mA	
SWITCHING RATING	1.5 W Max.	6 W Max.	
CURRENT CONSUMPTION	NONE		
VOLTAGE DROP	4.0V Max. @ 50mA DC	0.8 V Max. @ 200 mA DC	
LEAKAGE CURRENT	200 μA Max.	0.01 mA Max.	
INDICATOR	Red LED	Red LED	Green LED
CABLE	Φ2.8, 2C, Black Oil-Resistant TPU	Φ2.8, 3C, Black Oil-Resistant TPU	
SENSITIVITY	⩾60Gs	⩾60Gs	
SWITCHING FREQUENCY	900 Hz	900 Hz	
TEMPERATURE RANGE	-40~125℃	-40~125℃	
SHOCK	50 G	50 G	
VIBRATION	9 G	9 G	
ENCLOSURE CLASSIFICATION	IP 69K	IP 69K	
PROTECTION CIRCUIT	Power reverse protection Surge suppression 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-16MDF-HT125
AL-16MDF-HT125-QJ8
AL-16MDF-HT125-QC12(QJ12)
AL-16MDF-HT125-EZ2M

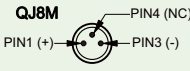


AL-16MN(P)-HT125
AL-16MN(P)-HT125-QJ8
AL-16MN(P)-HT125-QC12(QJ12)
AL-16MN(P)-HT125-EZ3M

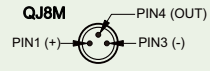
Options: See part number codes descriptions on page 09

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

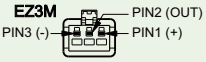
2 wire connector wiring



3 wire connector wiring







IP68 REACH CE CNEx RoHS