



KINGFISHER CONTROLS

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CE RoHS

Hall Element

3-Wire DC Hall Sensors

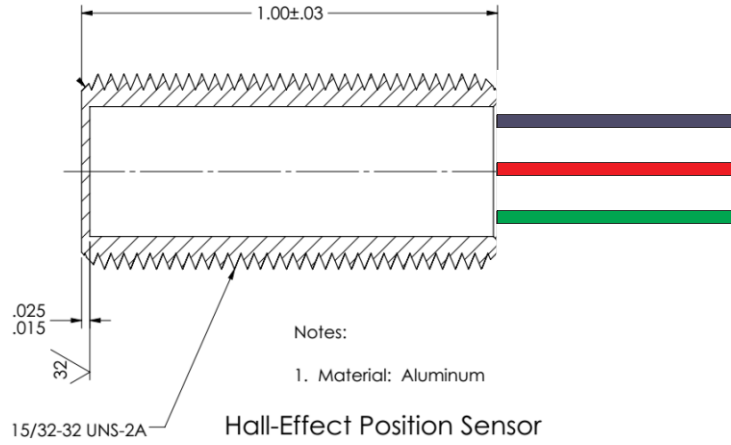
INDUCTIVE
METAL FACE
HALL/MAGNETIC
HIGH/LOW TEMPERATURE
PHOTOELECTRIC
ULTRASONIC
ADAPTIVE
CAPACITIVE
QUICK CONNECT CABLES
CUSTOMIZATION

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Proximity



DC Hall



Diameter		15/32 Inch
Unipolar		South Pole Magnet
Max Operate Gauss		450
Min Release Gauss		120
Operating Voltage		6 - 24 vdc
Ripple		<10%
No Load Current		<10mA
Max Load Current		20mA
Leakage Current		<0.01mA
Voltage Drop		<1.5v
Switching Frequency		2 KHz
Response Time		0.1ms/0.1ms
Switching Hysteresis		<15%(Sr)
Repeat Accuracy		<3%(Sr)
Enclosure Rating		IP67
Operating Temperature		-25C+70C
Temperature Drift		<10%(Sr)
Protection		None
Connection Type		3-wire, 12 inch flying leads
Material Tube/Face		Aluminum
Cable Material		PVC
Product Style	Wiring Diag.	12 inch flying leads
NPN N.O.	1	KF-103SR12N
NPN N.C.	2	KF-103SR12NN
PNP N.O.	3	KF-103SR12P
PNP N.C.	4	KF-103SR12PN

Note: See Terminal Connection page for wiring diagram

TERMINAL CONNECTIONS:

Note: For cable version use color code, for connectors use pin numbers

