

DHS1 Series

Digital Dual Output Hall Switch

- Dual output hall switch for targeted magnetic detection
- Digital output for clear ON/OFF signal
- Non-contact, solid-state design with no moving parts
- 55 gauss operate (1 output for N pole, 1 output for S pole)
- Ideal for speed, position, and proximity sensing in mobile and industrial systems



CUSTOMER FOCUSED ENGINEERING + MODULAR DESIGN

Part Description: **M12-DHS1-5KSA5**

Housing	Series	Electrical Option	Connection Type
See page 2-3	DHS1	See page 4	See page 5-6

Modify, update, or enhance any sensor with our modular features and functionality.

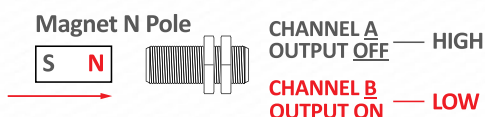
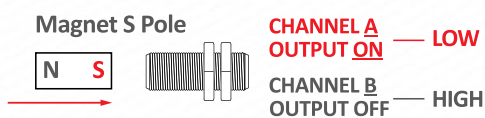
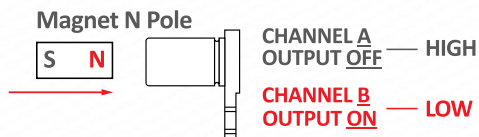
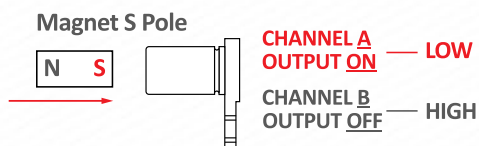
HOUSING -Aluminum, stainless steel, plastic, threaded, flange mount, customer specific

ELECTRICAL -Every sensor function available in various electrical options (NPN, PNP, TTL, etc.)

CONNECTION -Deutsch, Amphenol, many other brands, free end wires, pigtails, any length

Need a Custom Sensor Solution?... Send us your application specific requirements at sensorso.com

'Dual Digital Output' Hall Switch Sensor



FEATURES

- Non-contact
- Easy to install
- Internal hysteresis
- Temperature stable
- Shock and vibration resistant

APPLICATIONS

- Alignment or proximity of manufacturing bins/carts/trays
- Count feedback of production and testing components
- Min/Max Position Detection
- Monitors speed in conveyor systems and assembly lines

MARKETS

- Aerospace & Defense
- Medical Devices
- Agricultural Machinery
- Marine & Transportation

- Solid-state (no wearing parts)
- Detect non-standard steel targets
- Harsh environment durability
- Flexible electrical options: NPN or PNP outputs
- Easy installation with threaded or flange mount housings

- Speed of automation equipment
- Measure cranes/winch feed rate
- Resolving engine RPMs
- Measuring vehicle/wheel speed
- Pulley systems in manufacturing
- Monitoring gears in transmissions
- Cam and Crank shaft timing

- Automotive & Heavy Equipment
- Power Generation Systems
- Consumer Electronics
- Manufacturing & Industrial Automation

DHS1 Series

Digital Dual Output Hall Switch



HOUSING TYPES AND CUSTOMIZATION OPTIONS

The DHS1 Series offers a wide range of housing styles, mounting types, and material options to cover a variety of application environments. If the housing style you need is not shown, Standex can work with you on your custom housing needs to fulfill your application requirements.

HOUSING MATERIALS

- Aluminum
- Plastic (Glass Filled Nylon)
- Stainless Steel

MOUNTING TYPE

- Threaded Barrel
- High Pressure

THREAD PITCH

- THREAD PITCH**
- 5/8-18
 - 7/16-20
 - M12x1
 - M18x1
 - 1/2-20
 - 15/32-32
 - 3/4-20

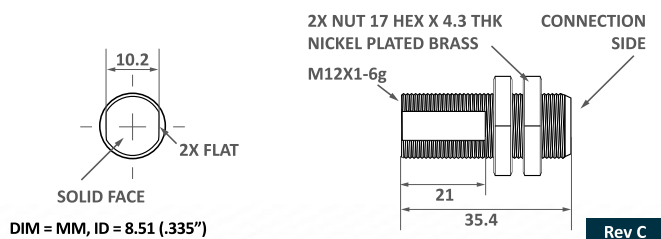
Plastic Glass Fill Nylon (150°C)

PART NUMBER
EXAMPLE

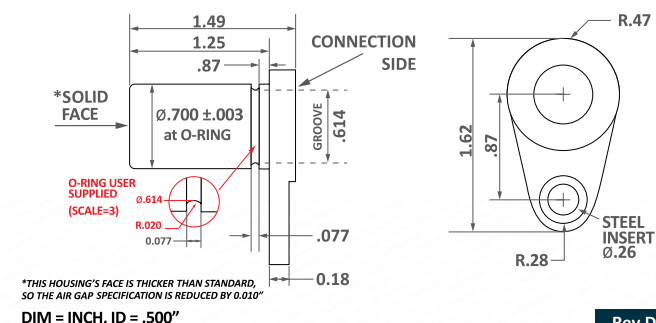
M 1 2 - D H S 1 - 5 K S A 5 - CONNECTION

HOUSING **ELECTRICAL**

M12 Thread Mount M12x1mm, 35mm

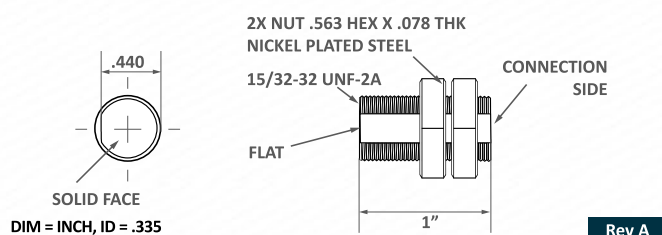


MFM7 Flange Mount



Aluminum Black Anodized

A47 Thread Mount 15/32-32, 1in



DHS1 Series

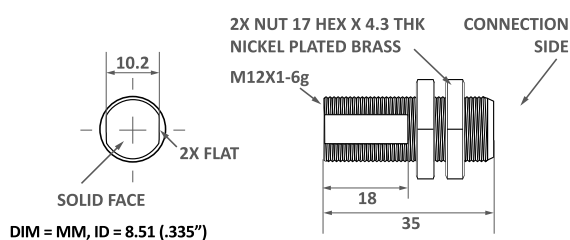
Digital Dual Output Hall Switch

303 Stainless Steel

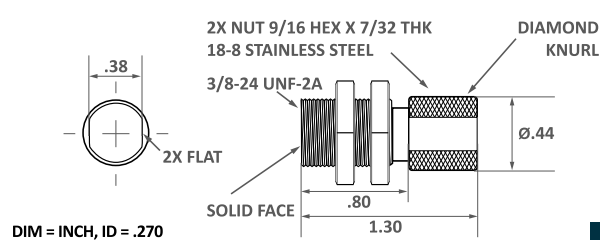
PART NUMBER **EXAMPLE** **M 1 2 - D H S 1 - 5 K S A 5** — CONNECTION

HOUSING ELECTRICAL

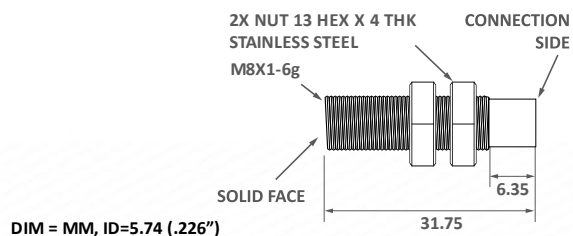
S12 Thread Mount M12x1mm, 35mm



S38 Thread Mount M12x1mm, 3/8-24, 1.3in



S8 Thread Mount M8x1mm, 32mm



DHS1 Series

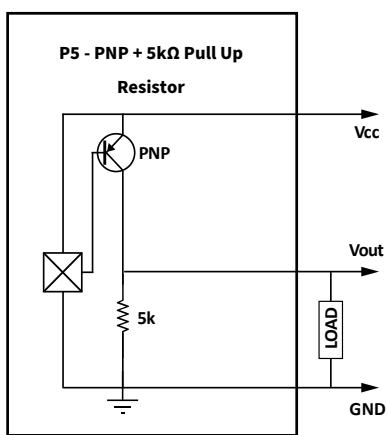
Digital Dual Output Hall Switch

Electrical Output Logic Options

PART NUMBER **EXAMPLE** **M 1 2 - D H S 1 - 5 K S A 5** — CONNECTION

HOUSING ELECTRICAL

P5

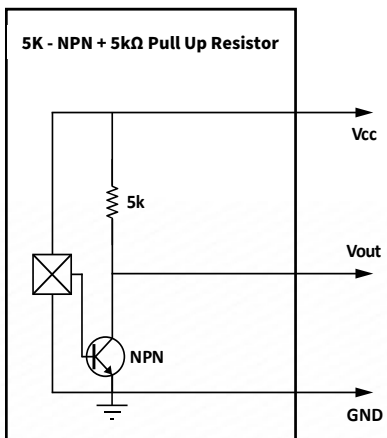


Electrical Specifications	Conditions	Min	Max	Unit
Temperature Range*	Operating	-40	+110*	Deg C
Supply Voltage, Vcc	Over temperature	+5	+24	Volts DC
Supply Current, Output Off	Into Vcc, Vcc = 24V	+1.5	+5	mA
Frequency Range	Near zero speed	0.1	15k	Hz
Saturation Voltage High	Vcc = 24V, Rpu >10k	23.5	24	Volts
Saturation Voltage Low	Vcc = 24V, Rpu >10k	0.1	0.5	Volts
Internal Pull Up Resistor	Vcc to Vout	none	none	kohms
Output Resistance Ro	0.25 watts	48	52	Ohms
Output Rise Time 10-90%	Co < 100pF	-	8.0	μS
Output Fall Time 90-10%	Co < 100pF	-	2.0	μS
ESD **	Nondestructive	-	2000	Volts
EMI **	20k to 1 G Hz	-	100	V / M

* T max = 150°C is available, contact factory.

Rev B

5K



Electrical Specifications	Conditions	Min	Max	Unit
Temperature Range*	Operating	-40	+110*	Deg C
Supply Voltage, Vcc	Over temperature	+4.2	+24	Volts DC
Supply Current, Output Off	Into Vcc, Vcc = 24V	+1.5	+5	mA
Frequency Range	Near zero speed	0.1	15k	Hz
Saturation Voltage Low	Isink=20mA	0	0.6	Volts
Internal Pull Up Resistor	Vcc to Vout	4.9	5.1	kohms
Output Rise Time 10-90%	C < 100pF	-	3.0	μS
Output Fall Time 90-10%	C < 100pF	-	1.0	μS
ESD **	Nondestructive	-	2000	Volts
EMI **	20k to 1 G Hz	-	100	V / M

* T max = 150°C is available, contact factory.

Rev B

DHS1 Series

Digital Dual Output Hall Switch

CONNECTION TYPES AND CUSTOMIZATION OPTIONS

The DHS1 Series offers a wide range of connection configurations to meet diverse installation and environmental requirements. Whether you need rugged connectors for industrial environments or flexible wiring for compact assemblies, Standex provides tailored solutions:



CONNECTOR OPTIONS

- Deutsch & Amphenol: Industry-standard sealed connectors for harsh environments
- Other Brands Available: Custom connector integration upon request
- Integral Connectors: Built directly into the sensor housing for streamlined installation
- Pigtail Connectors: Short lead wires with pre-installed connectors for plug-and-play use

FREE-END WIRE OPTIONS

- Free-End Jacketed: Durable, protective outer layer for added mechanical strength
- Free-End Ribbon Cable: Flat, flexible cable ideal for tight spaces
- Free-End Shielded: EMI-resistant for electrically noisy environments
- Free-End Wires: Standard stripped leads for direct wiring
- Wire Specifications
- Wire Gauges: 20 AWG and 22 AWG standard
- Lengths: Available in 0–6", 1–4', 5–9', or custom lengths to suit your application

INSULATION MATERIALS

- PVC: Economical and flexible
- Teflon: High-temperature and chemical-resistant
- XLPE: Cross-linked polyethylene for enhanced thermal and abrasion resistance
- High-Temp Options: For extreme operating conditions

Cable Harness & Connector Options

PART	NUMBER	EXAMPLE
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M 1 2 - D H S 1 - 5 K S A 5 - CONNECTION

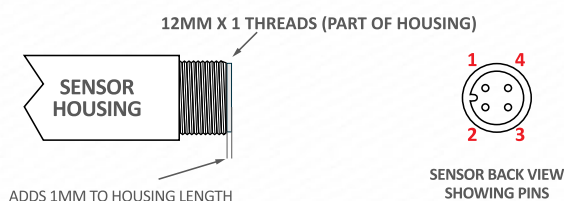
HOUSING ELECTRICAL

CB2, Integral 4 Pin Male 12mm Micro Connector

Compatible with Housings – S12, S12H, M12 Only

Connections

Pin 1 = Vcc Pin 2 = Channel B (N Pole) Pin 3 = Ground Pin 4 = Channel A (S Pole)



Rev A

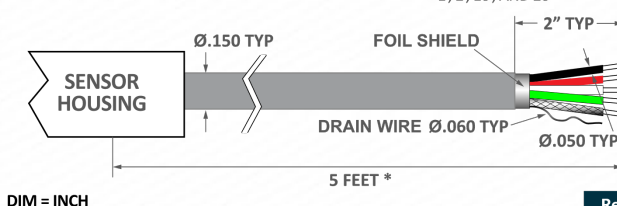
SA5, Shielded 4 Wire PVC 22 AWG Wires

Connections

Red = Vcc Green = Channel B (N Pole) White = Channel A (S Pole) Black = Ground

SHIELDED 4 WIRE PVC
22 AWG, 7/30, PVC 80°C RBGW

*OTHER STANDARD LENGTHS:
1', 2', 10', AND 20'



DIM = INCH

Rev D

DHS1 Series

Digital Dual Output Hall Switch

Cable Harness & Connector Options

**PART
NUMBER
EXAMPLE**

M 1 2 - D H S 1 - 5 K S A 5 — CONNECTION
HOUSING ELECTRICAL

CD4, 4 Pin Deutsch DT04 TXL 20 AWG Wires

Connections

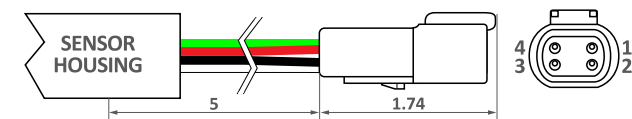
Pin 1 (Red) = Vcc
Pin 2 (Black) = Ground
Pin 3 (White) = Channel A (S Pole)
Pin 4 (Green) = Channel B (N Pole)

CONNECTOR: AMPHENOL AT04-4P-RD01 BODY OR
DEUTSCH DT04-4P-C015 BODY

CONTACTS: 4 DEUTSCH PINS, PN 1060-16-0622

WIRE: 20AWG, 19/32, XLPE TXL, 125°C

PIN 1 = RED
PIN 2 = BLACK
PIN 3 = WHITE
PIN 4 = GREEN



DIM = INCH

Rev B

DHS1 Series

Digital Dual Output Hall Switch

Environmental & Performance Specifications

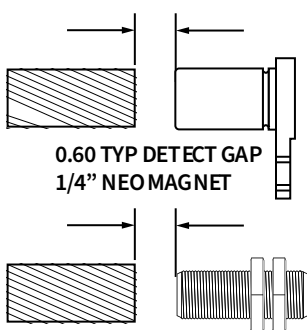
Sensor Function

Magnetic Characteristics	Min	Typ	Max
Operate Point Over Temp	15 G	55 G	76 G
100% Tested at 20°C before shipping			
Release Point Over Temp	5 G	35 G	57 G
Hysteresis Over Temp	5 G	20 G	28 G

MAGNET OR
MAGNETIC FIELD
EXAMPLE MAGNET
PN: RM-01-020

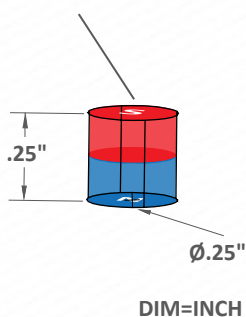
S POLE CH A ON
N POLE CH B ON

AIR GAP



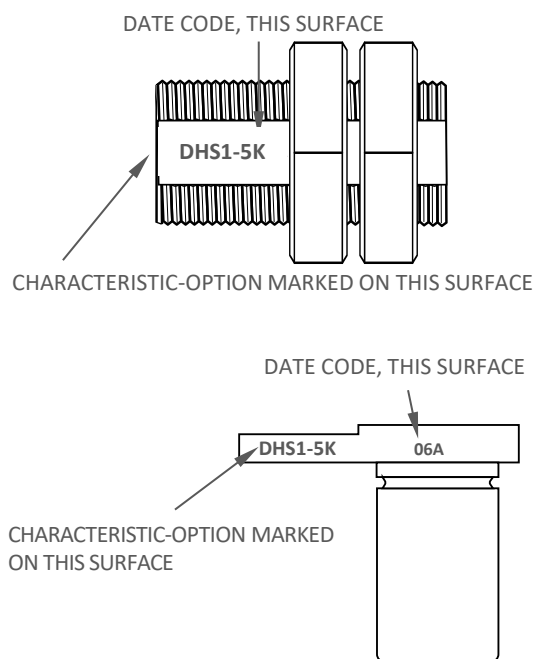
NO ORIENTATION REQUIRED

"S" ENGRAVED
ON S POLE SIDE



Material Specs (25°C)	Typ	Min
300-01-020 NEO 35 SH		
Processing Type	Sintered	
BR Gauss	12,000	11,700
HC Oersted	11,500	11,000
HCI Oersted	-	21,000
BH Max MGOE	35	33
BR Temp CO (%/°C)	-0.10	-
Recoil Perm. (UREC)	-	-
TC Curie Temp (°C)	310	-
Max Operating Temp (°C)	150	-
Plating, NI (Mils)	0.4-0.7	0.4

Marking



Environmental Specifications

Corrosion Resistance	500 hours salt spray ASTM B-117
Installation Torque	13 Foot-Pounds Maximum
Enclosure	Nema 1,3,4,6,13 & IEC IP67
Vibration	10 G's 2 to 2000 Hz Continuous
Mechanical Shock	100 G's, 11 mS

Please note: All technical specifications on this series datasheet refer to the standard product range. Modifications in the sense of technical progress are reserved. For general information only. For more specific information, please consult the product datasheet, available upon request.

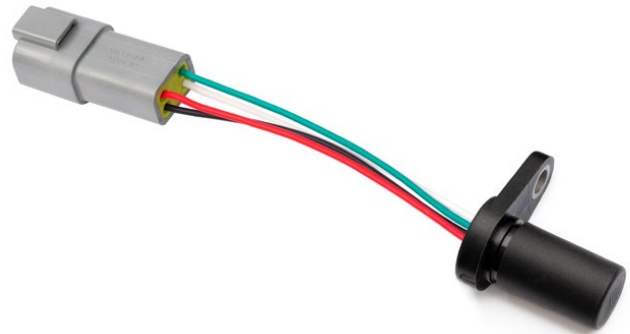
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MFM7-DHS1-5KCD4

Dual Output Hall Switch Sensor

- Dual output hall switch
- 55 gauss operate (1 output for N pole, 1 output for S pole)
- NPN output with 5k pull up resistor
- Plastic .7" flange mount 1.5" long housing
- Deutsch DT04 4 pin with 5" 20 AWG XLPE



CUSTOMER FOCUSED ENGINEERING + MODULAR DESIGN

Part Description:

MFM7-DHS1-5KCD4

Housing	Sensor Type & Function	Electrical Option	Connection Type
Glass Filled Nylon Flange Mount Ø.7" x 1.5"	Dual Output Hall Switch Sensor	NPN, 5k Pull Up Resistor	Deutsch DT 4 pin w/5" 20AWG XLPE

Modify, update, or enhance any sensor with our modular features and functionality.

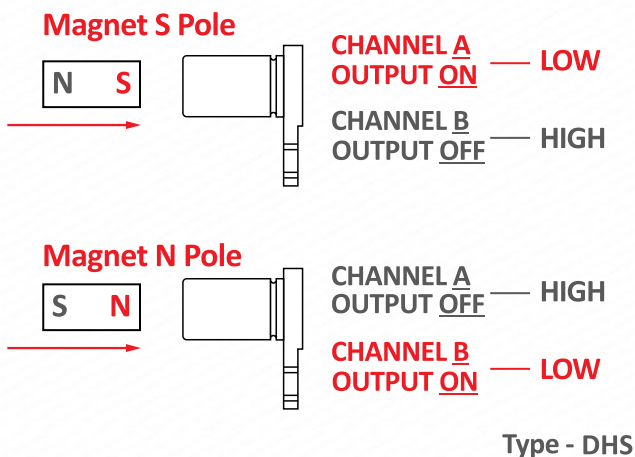
HOUSING -Aluminum, stainless steel, plastic, threaded, flange mount, customer specific

ELECTRICAL -Every sensor function available in various electrical options (NPN, PNP, TTL, etc.)

CONNECTION -Deutsch, Amphenol, many other brands, free end wires, pigtails, any length

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'Dual Output' Hall Switch Sensor

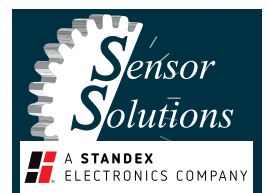


DESCRIPTION

- Sensor produces dual pulsing outputs, 1 South Pole and 1 North Pole.
- Functions as directional limit switch when magnets are mounted at each end of range of motion.
- No orientation required. Use lock nuts to set air gap within range of target magnets.
- South Pole element is located closer to sensor face and will detect at a slightly greater operate gap.
- Note: Operate and release gaps are dependent on the size, material, grade, and temperature of the target magnet.

FEATURES

- True Zero Speed
- Greater Detection Gap Than Standard DHS Sensor
- Rugged, Sealed Housing
- Solid State (Nothing to wear out!)



MFM7-DHS1-5KCD4

Dual Output Hall Switch Sensor

Note: Check our website or contact us to see all of our Options, including more and less sensitive choices.

Electrical Specifications	Conditions	Min	Max	Unit
Temperature Range*	Operating	-40	+110*	Deg C
Supply Voltage, Vcc	Over temperature	+4.5	+28	Volts DC
Supply Current, Output Off	Into Vcc	+4	+14	mA
Frequency Range		0	20	kHz
Internal Pull Up Resistor	Vcc to Vout	4.9	5.1	kOhms
Saturation Voltage Low 100% tested at 20°C before shipping	Vcc=12V, Rload >100k	0	.4	Volts
Saturation Voltage High 100% tested at 20°C before shipping	Vcc=12V, Rload >100k	11.5	12	Volts
Output Rise Time 10-90%	C < 100pF	-	8.0	µS
Output Fall Time 90-10%	C < 100pF	-	2.0	µS
ESD **	Nondestructive	-	8000	Volts
EMI **	20k to 1 G Hz	-	100	V / M

* T max = 150°C is available, contact factory.

** Specifications not available at release.

Rev B

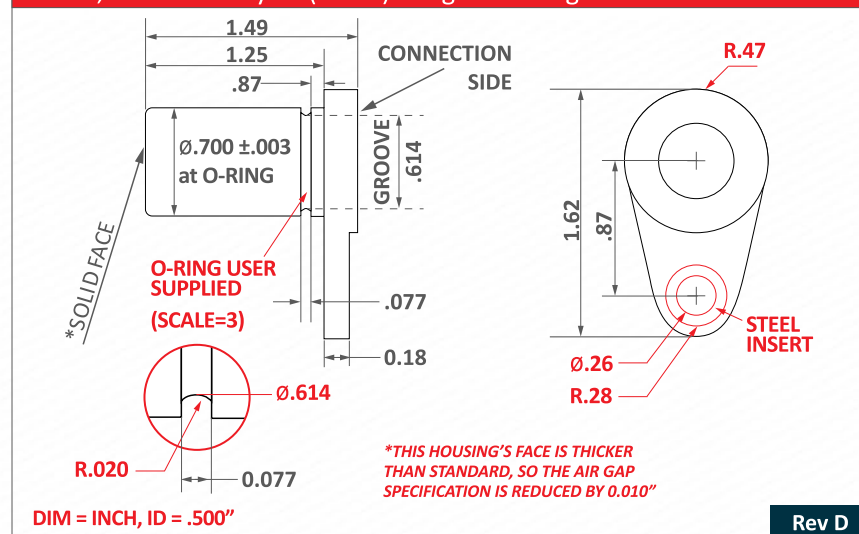
Absolute Max Limits	Min	Max	Unit
Supply Voltage, Vcc	-15	+28	Volts DC
Voltage Applied to Output	-0.3	+28	Volts
Current Into Output	-	25	mA
Current Out of Output	-	Vcc/5k	mA
Load Dump, 40 mS Rs = 20	-	60	Volts

Environmental Specifications

Corrosion Resistance	500 hours salt spray ASTM B-117
Installation Torque	15 Foot-Pounds Maximum
Enclosure	Nema 1,3,4,6,13 & IEC IP67
Vibration	10 G's 10 to 2000 Hz Sinusodal
Mechanical Shock	50 G's, 11 mS Half-Sine

Magnetic Characteristics	Min	Typ	Max
Operate Point Over Temp 100% tested at 20°C before shipping	15 G	55 G	76 G
Release Point Over Temp	5 G	35 G	57 G
Hysteresis Over Temp	5 G	20 G	28 G
Inside Depth to N pole Element	-	.060"	-
Inside Depth to S pole Element	-	.090"	-

MFM7, Glass Filled Nylon (150°C) Flanged Housing



Rev D

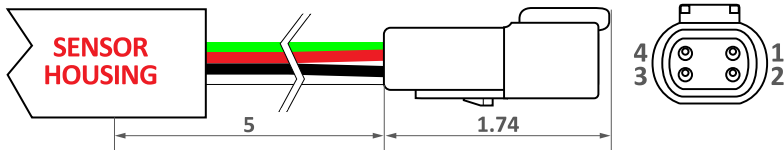
MFM7-DHS1-5KCD4

Dual Output Hall Switch Sensor

CD4, 4 Pin Deutsch DT04 w/5" 20 AWG TXL

CONNECTOR: AMPHENOL AT04-4P-RD01 BODY OR
DEUTSCH DT04-4P-C015 BODY
CONTACTS: 4 DEUTSCH PINS, PN 1060-16-0622
WIRE: 20AWG, 19/32, XLPE TXL, 125°C

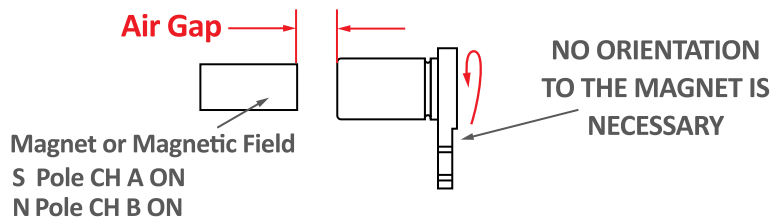
PIN 1 = RED
PIN 2 = BLACK
PIN 3 = WHITE
PIN 4 = GREEN



DIM = INCH

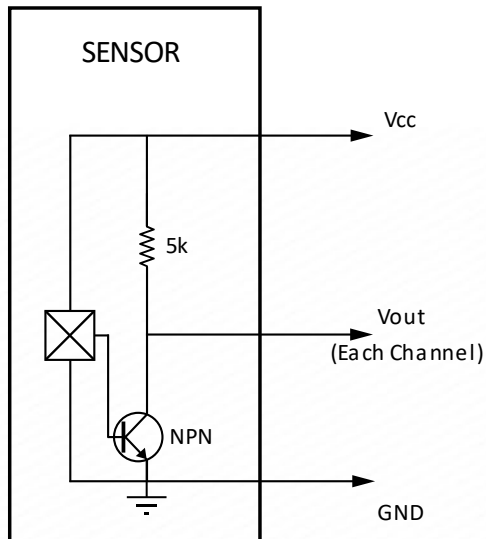
Rev B

Sensor Function



MFM7-DHS

5K, 5k Pull-up Resistor



Connections Chart

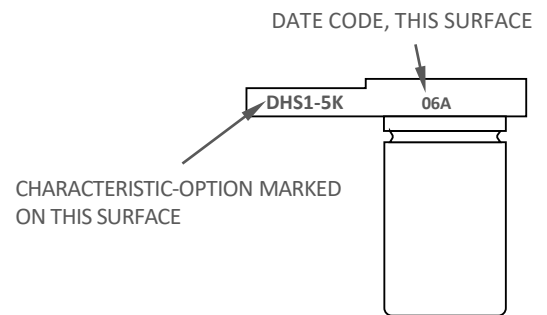
Pin 1 (Red) Vcc	Pin 3 (White) S Pole Vout
Pin 2 (Black) Ground	Pin 4 (Green) N Pole Vout
CD4-DHS1	

Date Code 'YYM'

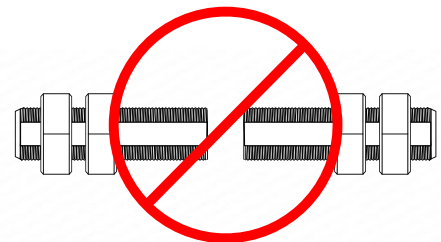
YY = YEAR, M = MONTH

A JAN	D APR	H JUL	L OCT
B FEB	E MAY	J AUG	M NOV
C MAR	G JUN	K SEP	N DEC

Marking



Handling Instructions

DO NOT CONTACT
FACE TO FACE

CONTACT WITH OTHER MAGNETS MAY
REDUCE THE MAXIMUM OPERATING GAP

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S12-DHS1-5KSA5

Dual Output Hall Switch Sensor

- Dual output hall switch
- 55 gauss operate
- NPN w/5k pull up resistor
- Stainless 12x1mm x 35mm housing
- Shielded 4 wire 22 AWG 80°C PVC, 5ft



CUSTOMER FOCUSED ENGINEERING + MODULAR DESIGN

Part Description: **S12-DHS1-5KSA5**

Housing	Sensor Type & Function	Electrical Option	Connection Type
S = Stainless Steel, Thread Pitch M12x1, 35mm Long	Dual Output Hall Switch Sensor	NPN, 5k Pull Up Resistor	SA Shielded 4 Wire 22 AWG 80°C PVC

Modify, update, or enhance any sensor with our modular features and functionality.

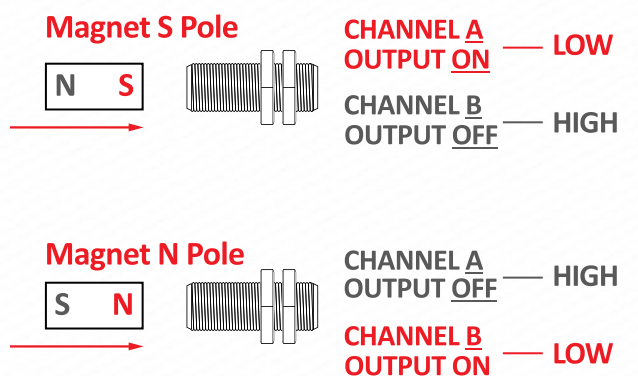
HOUSING -Aluminum, stainless steel, plastic, threaded, flange mount, customer specific

ELECTRICAL -Every sensor function available in various electrical options (NPN, PNP, TTL, etc.)

CONNECTION -Deutsch, Amphenol, many other brands, free end wires, pigtails, any length

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'Dual Output' Hall Switch Sensor



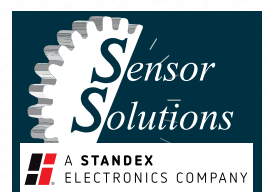
Type - DHS

DESCRIPTION

- Sensor produces dual pulsing outputs, 1 South Pole and 1 North Pole.
- Functions as directional limit switch when magnets are mounted at each end of range of motion.
- No orientation required. Use lock nuts to set air gap within range of target magnets.
- South Pole element is located closer to sensor face and will detect at a slightly greater operate gap.
- Note: Operate and release gaps are dependent on the size, material, grade, and temperature of the target magnet.

FEATURES

- Rugged, Sealed Housing
- Greater Detection Gap Than Standard DHS Sensor
- Solid State (Nothing to wear out!)



S12-DHS1-5KSA5

Dual Output Hall Switch Sensor

Note: Check our website or contact us to see all of our Options, including more and less sensitive choices.

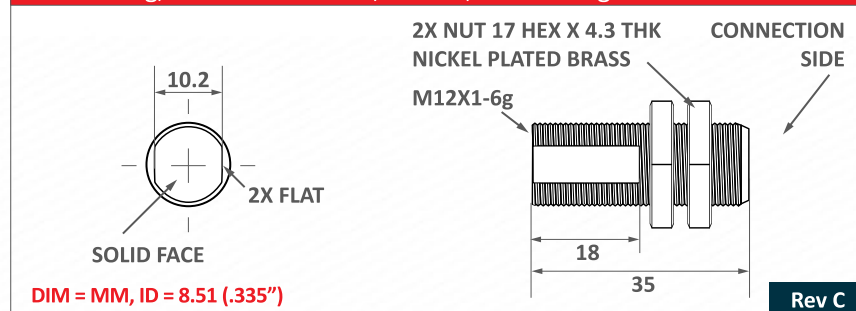
Electrical Specifications	Conditions	Min	Max	Unit
Temperature Range*	Operating	-40	+110*	Deg C
Supply Voltage, Vcc	Over temperature	+4.5	+28	Volts DC
Supply Current, Output Off	Into Vcc	+4	+14	mA
Frequency Range		0	20	kHz
Internal Pull Up Resistor	Vcc to Vout	4.9	5.1	kOhms
Saturation Voltage Low 100% tested at 20°C before shipping	Vcc=12V, Rload >100k	0	.4	Volts
Saturation Voltage High 100% tested at 20°C before shipping	Vcc=12V, Rload >100k	11.5	12	Volts
Output Rise Time 10-90%	C < 100pF	-	8.0	µS
Output Fall Time 90-10%	C < 100pF	-	2.0	µS
ESD **	Nondestructive	-	8000	Volts
EMI **	20k to 1 G Hz	-	100	V / M

* T max = 150°C is available, contact factory.

** Specifications not available at release.

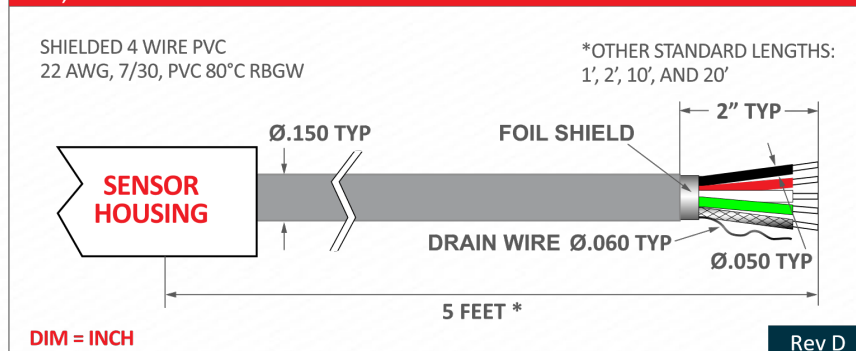
Rev B

S12 Housing, 303 Stainless Steel, M12X1, 35mm Long



Rev C

SA5, Shielded 4 Wire 22 AWG 80°C PVC



Rev D

Absolute Max Limits	Min	Max	Unit
Supply Voltage, Vcc	-32	+32	Volts DC
Voltage Applied to Output	-0.3	+28	Volts
Current Into Output	-	25	mA
Current Out of Output	-	Vcc/5k	mA
Load Dump, 40 mS Rs = 20	-	60	Volts

Environmental Specifications

Corrosion Resistance	500 hours salt spray ASTM B-117
Installation Torque	23 Foot-Pounds Maximum
Enclosure	Nema 1,3,4,6,13 & IEC IP67
Vibration	10 G's 2 to 2000 Hz Sinusoidal
Mechanical Shock	100 G's, 11 mS Half-Sine

Magnetic Characteristics	Min	Typ	Max
Operate Point Over Temp 100% tested at 20°C before shipping	15 G	55 G	76 G
Release Point Over Temp	5 G	35 G	57 G
Hysteresis Over Temp	5 G	20 G	28 G
Inside Depth to N pole Element	-	.060"	-
Inside Depth to S pole Element	-	.090"	-

Connections Chart

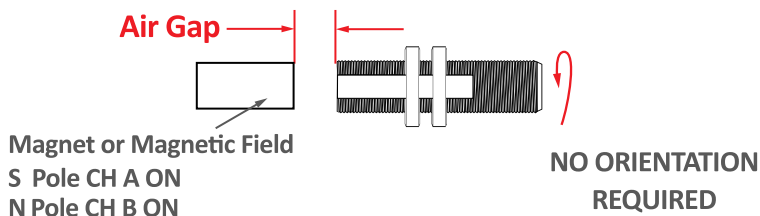
Pin 1 (Red)	Vcc	Pin 3 (White)	S Pole Vout
Pin 2 (Black)	Ground	Pin 4 (Green)	N Pole Vout

S12-DHS

S12-DHS1-5KSA5

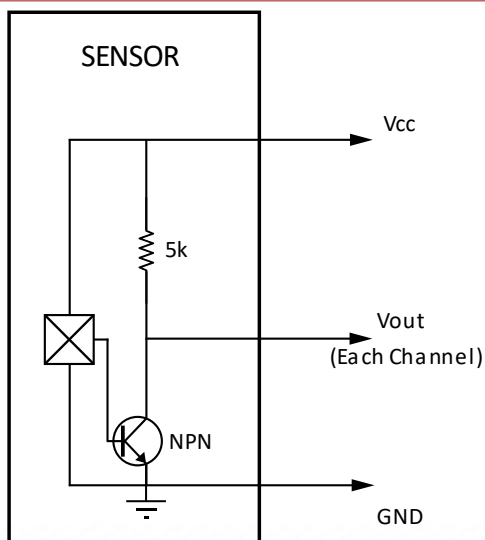
Dual Output Hall Switch Sensor

Sensor Function



S12-DHS

5K, 5k Pull-up Resistor



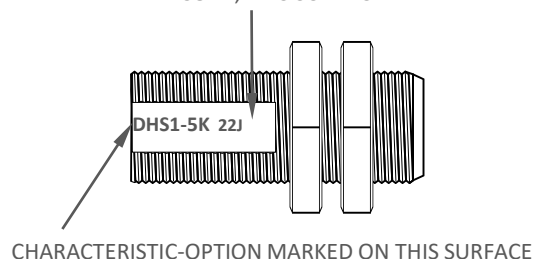
Date Code 'YYM'

YY = YEAR, M = MONTH

A JAN	D APR	H JUL	L OCT
B FEB	E MAY	J AUG	M NOV
C MAR	G JUN	K SEP	N DEC

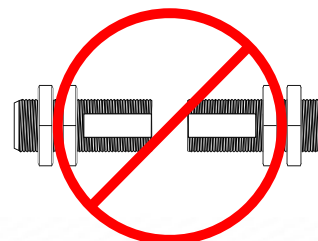
Marking

DATE CODE, THIS SURFACE



Handling Instructions

**DO NOT CONTACT
FACE TO FACE**



**CONTACT WITH OTHER MAGNETS MAY
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S63B-DHS1-5KCB2A

Dual Output Hall Switch Sensor

- Dual output hall switch
- 55 gauss operate
- NPN w/5k pull up resistor
- Stainless 5/8-18 x 2.5" MS opt housing
- Integral 4 pin male 12mm micro connector



CUSTOMER FOCUSED ENGINEERING + MODULAR DESIGN

Part Description: **S63B-DHS1-5KCB2A**

Housing	Sensor Type & Function	Electrical Option	Connection Type
Stainless Steel MS Opt 5/8-18 x 2.5" Long	Dual Output Hall Switch Sensor	NPN, 5k Pull Up Resistor	CB2A = Integral 4 Pin Male 12mm Micro Connector

Modify, update, or enhance any sensor with our modular features and functionality.

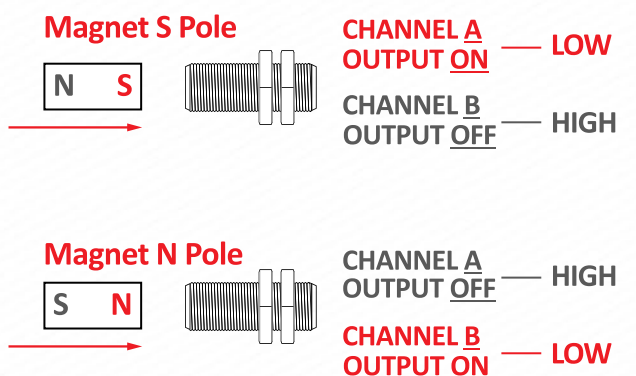
HOUSING -Aluminum, stainless steel, plastic, threaded, flange mount, customer specific

ELECTRICAL -Every sensor function available in various electrical options (NPN, PNP, TTL, etc.)

CONNECTION -Deutsch, Amphenol, many other brands, free end wires, pigtails, any length

Need a Custom Sensor Solution?... Send us your application specific requirements at [sensorso.com](https://www.sensorso.com)

'Dual Output' Hall Switch Sensor



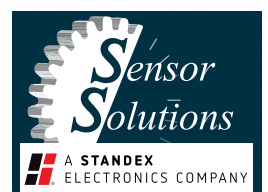
Type - DHS

DESCRIPTION

- Sensor produces dual pulsing outputs, 1 South Pole and 1 North Pole.
- Functions as directional limit switch when magnets are mounted at each end of range of motion.
- No orientation required. Use lock nuts to set air gap within range of target magnets.
- South Pole element is located closer to sensor face and will detect at a slightly greater operate gap.
- Note: Operate and release gaps are dependent on the size, material, grade, and temperature of the target magnet.

FEATURES

- True Zero Speed
- Greater Detection Gap Than Standard DHS Sensor
- Rugged, Sealed Housing
- Solid State (Nothing to wear out!)



S63B-DHS1-5KCB2A

Dual Output Hall Switch Sensor

Note: Check our website or contact us to see all of our Options, including more and less sensitive choices.

Electrical Specifications	Conditions	Min	Max	Unit
Temperature Range*	Operating	-40	+110*	Deg C
Supply Voltage, Vcc	Over temperature	+4.5	+28	Volts DC
Supply Current, Output Off	Into Vcc	+4	+14	mA
Frequency Range		0	20	kHz
Internal Pull Up Resistor	Vcc to Vout	4.9	5.1	kOhms
Saturation Voltage Low 100% tested at 20°C before shipping	Vcc=12V, Rload >100k	0	.4	Volts
Saturation Voltage High 100% tested at 20°C before shipping	Vcc=12V, Rload >100k	11.5	12	Volts
Output Rise Time 10-90%	C < 100pF	-	8.0	µS
Output Fall Time 90-10%	C < 100pF	-	2.0	µS
ESD **	Nondestructive	-	8000	Volts
EMI **	20k to 1 G Hz	-	100	V / M

* T max = 150°C is available, contact factory.

** Specifications not available at release.

Rev B

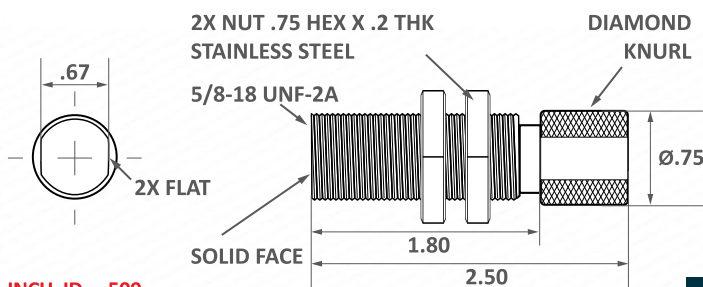
Absolute Max Limits	Min	Max	Unit
Supply Voltage, Vcc	-32	+32	Volts DC
Voltage Applied to Output	-0.3	+28	Volts
Current Into Output	-	25	mA
Current Out of Output	-	Vcc/5k	mA
Load Dump, 40 mS Rs = 20	-	60	Volts

Environmental Specifications

Corrosion Resistance	500 hours salt spray ASTM B-117
Installation Torque	80 Foot-Pounds Maximum
Enclosure	Nema 1,3,4,6,13 & IEC IP67
Vibration	10 G's 2 to 2000 Hz Sinusoidal
Mechanical Shock	100 G's, 11 mS Half-Sine

Magnetic Characteristics	Min	Typ	Max
Operate Point Over Temp 100% tested at 20°C before shipping	15 G	55 G	76 G
Release Point Over Temp	5 G	35 G	57 G
Hysteresis Over Temp	5 G	20 G	28 G
Inside Depth to N pole Element	-	.060"	-
Inside Depth to S pole Element	-	.090"	-

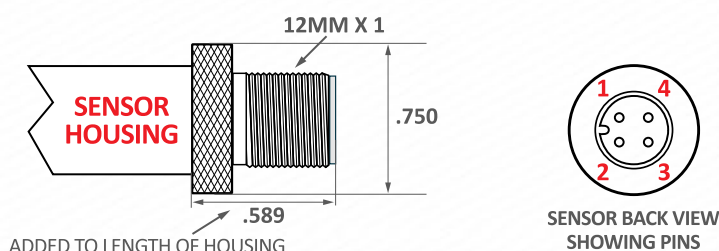
S63B, Housing, 303 Stainless Steel, MS Opt 5/8-18, 2.5" Long



DIM = INCH, ID = .500

Rev C

CB2A, Integral 4 Pin Male 12mm Micro Connector



DIM = INCH

Rev B

Connections Chart

Pin 1	Vcc	Pin 3	Ground
Pin 2	N Pole Vout	Pin 4	S Pole Vout

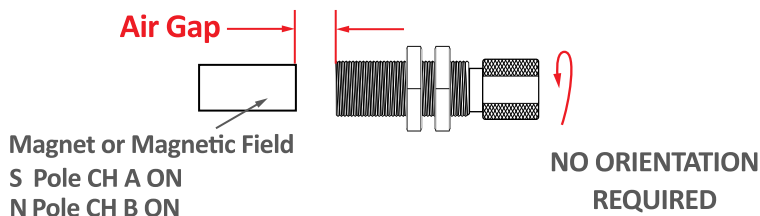
CB2A-DHS

OTHER MATING CONNECTORS AND CABLES AVAILABLE

S63B-DHS1-5KCB2A

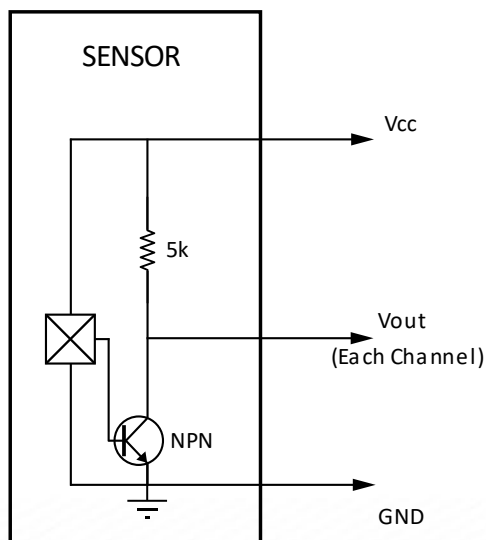
Dual Output Hall Switch Sensor

Sensor Function



S63B-DHS

5K, 5k Pull-up Resistor

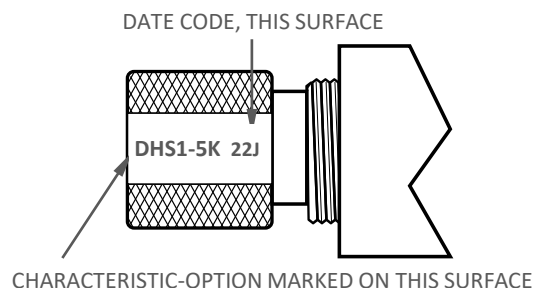


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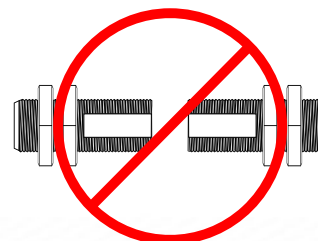
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