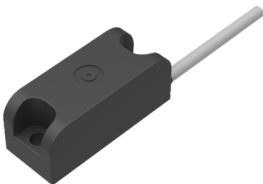


Door Sensors

Upward Detection

Appearance			
Sensing distance	15mm		
Operating voltage	5~24V DC		
Output type	NPN (N.O.) (when approaching ON) model number that ends with a "B " (when approaching OFF)		
Output current	≤ 15mA	≤ 80mA	
Current consumption	≤ 15mA		
Response time	5 μs		
Withstand voltage	AC 1000V 1min		
Insulation resistance	250V DC ≥ 20M Ω		
Ambient temperature	-20~+85℃, No freezing		
Ambient humidity	20~95%RH, No condensation		
Material	GF reinforced PBT(black)		
Mounting	M3 screw tightening torque 0.8N · m		
Degree of protection	IP67		
Model NO.	Normally open	MR-D2	MR-D2P
	Normally closed		MR-D2PB

(Matching magnet)

MR-DM2

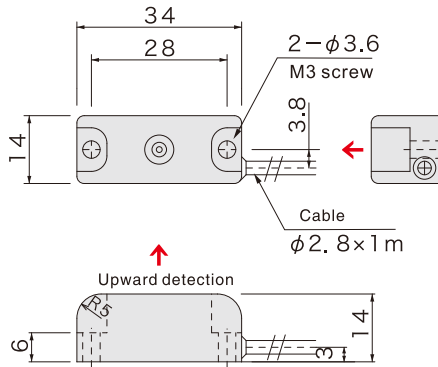
Sideway Detection

Appearance			
Sensing distance	12mm		
Operating voltage	12~24V DC		
Output type	NPN (N.O.) (when approaching ON) model number that ends with a "B " (when approaching OFF)		
Output current	≤ 80mA		
Current consumption	≤ 15mA	≤ 80mA	
Response time	5 μs		
Withstand voltage	AC 1000V 1min		
Insulation resistance	250V DC ≥ 20M Ω		
Ambient temperature	-20~+85℃, No freezing		
Ambient humidity	20~95%RH, No condensation		
Material	GF reinforced PBT		
Cable specification	N.O.: Grey N.C.: Black		
Mounting	M3 screw tightening torque 0.8N · m		
Degree of protection	IP67		
Model NO.	Normally open	MR-D2X	MR-D2XP
	Normally closed		MR-D2XPB

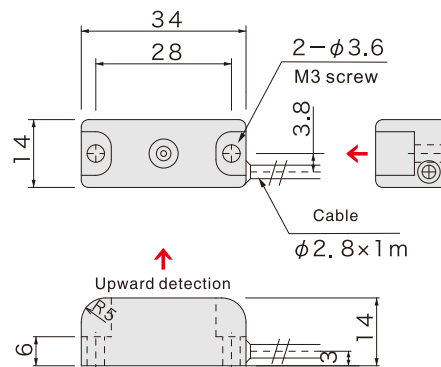
(Matching magnet)

MR-DM2X

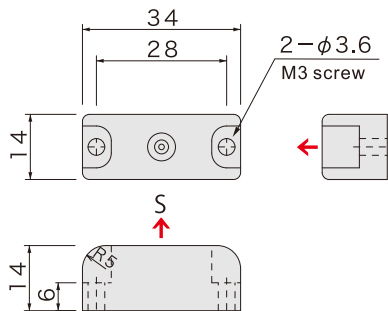
MR-D2



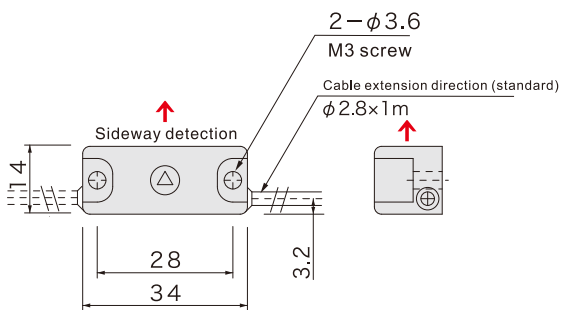
MR-D2P/D2PB



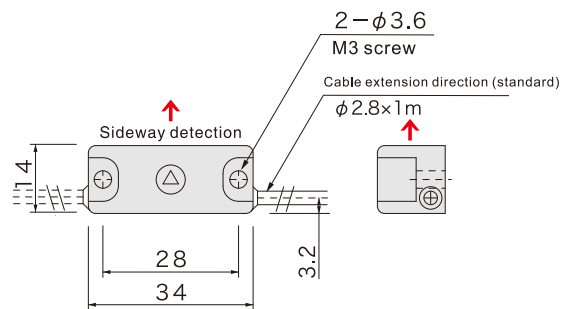
MR-DM2



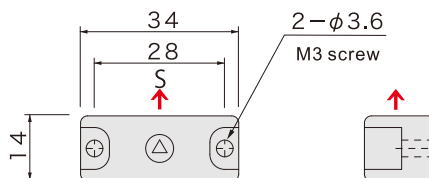
MR-D2X



MR-D2XP/D2XPB



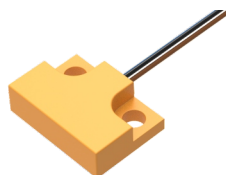
MR-DM2X



Fiber Optic
Slot Sensors
Photoelectric
Laser
Proximity
Displacement
Magnetic
Contact
Area
Ultrasonic
Vibration
Temperature
Cables
Tester

Guidance

Magnetic
Magnetic sensors
High precision cylinder
Combined cylinder
Near iron sensor
Door sensors
Linear sensors
Ordinary magnets
High precision composite magnets
Mounting accessories



Appearance

Operating voltage	5V DC
Magnetic sensitivity	65mV/mT (Center value)
Output voltage	0.3→4.7V (−40→+40mT): (Center value)
Center voltage	2.5V ± 0.15V
Output current	≤ ± 12mA
Current consumption	12mA
Response time	5 μ s (100kHz)
Magnetic sensitivity temperature coefficient	0 ± 0.04 % °C
Center voltage temperature coefficient	0 ± 0.5mV/°C
Ambient temperature	−20°C ~ +85°C
Ambient humidity	20 ~ 95 % RH
Cable length	0.3m
Material	GF reinforced PBT (Orange)
Mounting	M2 screw, tightening torque 0.15N · m
Cable specification	3pcs φ 0.9 core cable, 0.3m
Degree of protection	IP 65
Model NO.	Upward detection Sideway detection
	MR-L4 MR-L4-H



Appearance

Operating voltage	5V DC
Magnetic sensitivity	65mV/mT (Center value)
Output voltage	0.3→4.7V (−40→+40mT): (Center value)
Center voltage	2.5V ± 0.15V
Output current	≤ ± 12mA
Current consumption	12mA
Response time	5 μ s (100kHz)
Magnetic sensitivity temperature coefficient	0 ± 0.04 % °C
Center voltage temperature coefficient	0 ± 0.5mV/°C
Ambient temperature	−20°C ~ +85°C
Ambient humidity	20 ~ 95 % RH
Cable length	1m
Material	SUS303
Mounting	M3 screw, tightening torque 0.15N · m
Degree of protection	IP 65
Model NO.	MR-L10X

Guidance

Magnetic

Magnetic sensors

High precision cylinder

Combined cylinder

Near iron sensor

Door sensors

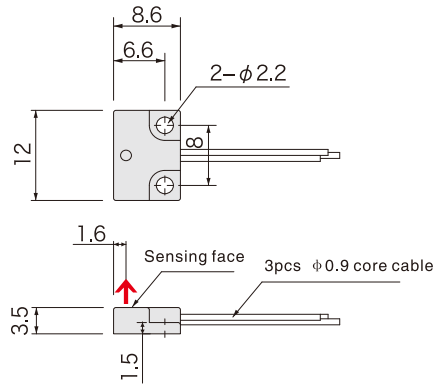
Linear sensors

Ordinary magnets

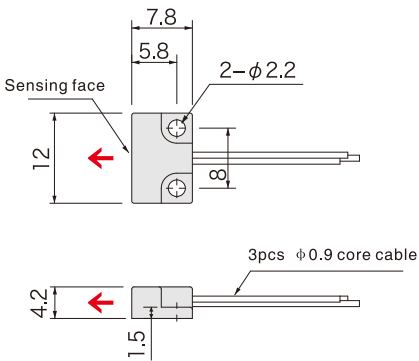
High precision composite magnets

Mounting accessories

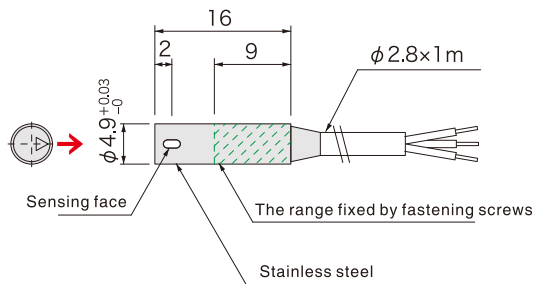
MR-L4



MR-L4-H



MR-L10X



Fiber Optic
Slot Sensors
Photoelectric
Laser
Proximity
Displacement
Magnetic
Contact
Area
Ultrasonic
Vibration
Temperature
Cables
Tester

Guidance

Magnetic

Magnetic sensors
High precision cylinder
Combined cylinder
Near iron sensor
Door sensors
Linear sensors
Ordinary magnets
High precision composite magnets
Mounting accessories