

★ Features and Benefits



Features

- 2 part magnetically operated proximity sensor
- UL listed reed switch
- Customer defined sensitivity
- Choice of cable length

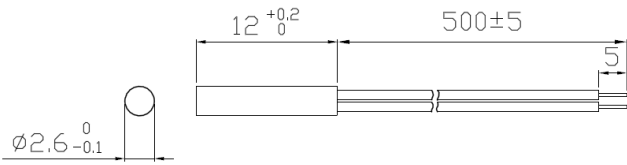
Benefits

- Quick and easy to install
- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminum
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contaminator

Applications

- Position and limit sensing
- Security
- Level sensing
- Linear actuators

★ DIMENSIONS mm



SCHEMATICS	Switch Type
	1

★ CUSTOMER OPTIONS-Switching Specifications

TABLE 1

Contact Type			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Switch Type			1			
Power		Watt - max.	1.0			
Voltage	Switching	Vdc - max.	24			
	Breakdown	Vdc - max.	150			
Current	Switching	A - max.	0.5			
	Carry	A - max.	0.1			
Resistance	Contact, Initial	Ω - max.	0.2			
	Insulation	Ω - max.	10 ¹⁰			
Capacitance	Contact	pF - typ.	0.3			
	Operating	°C	-30 to +80			
Temperature	Storage	°C	-30 to +80			
	Time	Operate	ms - max.	0.3		
Release		ms - max.	0.3			
Shock	11ms 1/2 sine	G - max.	100			
Vibration	50-2000 Hz	G - max.	30			

★ CUSTOMER OPTIONS-Sensitivity, Cable Length and Termination Specifications

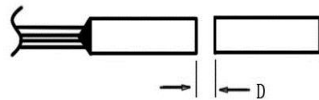
TABLE 2

Sensitivity Options:

Activate Distance are approximate Using Sentek M01 actuator

As illustrated

Switch AT before modification



Select Option	S		T		U		V	
Switch Type	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm
1 Normally Open	08-10		10-13		13-15		15-20	

TABLE 3

Cable Type:
30AWG 7/0.10 PVC 80°C
UL1061

Standard Lengths

SELECT OPTION	CABLE LENGTH (in) mm
01	(9.84)250
03	(11.18)300
04	(19.68)500
05	(39.37)1,000

TABLE 4

Termination Options:

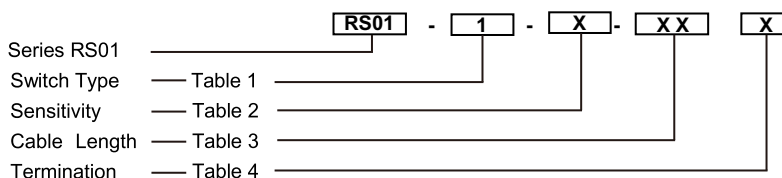
SELECT OPTION	Description (2 wire version illustrated)
A	Tinned leads
F	Untinned leads
G	Twisted and Tinned
T	Connector

Note:

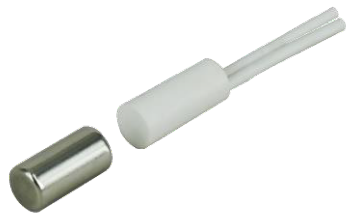
1. Wire end length available upon request
2. Connector per customer request

★ ORDERING INFORMATION

N.B. M01 actuator sold separately



★ Features and Benefits



Features

- 2 part magnetically operated proximity sensor
- UL listed reed switch
- Customer defined sensitivity
- Choice of cable length

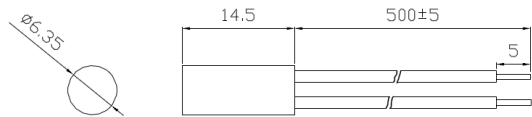
Benefits

- Quick and easy to install
- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminum
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contaminator

Applications

- Position and limit sensing
- Security
- Level sensing
- Linear actuators

★ DIMENSIONS mm



SCHEMATICS	Switch Type
	1

★ CUSTOMER OPTIONS-Switching Specifications

TABLE 1

Contact Type			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Switch Type			1			
Power		Watt - max.	10			
Voltage	Switching	Vdc - max.	100			
	Breakdown	Vdc - max.	200			
Current	Switching	A - max.	0.5			
	Carry	A - max.	1.0			
Resistance	Contact, Initial	Ω - max.	0.2			
	Insulation	Ω - max.	10 ¹⁰			
Capacitance	Contact	pF - typ.	0.3			
	Operating	°C	-30 to +80			
Temperature	Storage	°C	-30 to +80			
	Time	Operate	ms - max.	0.3		
Release		ms - max.	0.3			
Shock	11ms 1/2 sine	G - max.	100			
Vibration	50-2000 Hz	G - max.	30			

★ CUSTOMER OPTIONS-Sensitivity, Cable Length and Termination Specifications

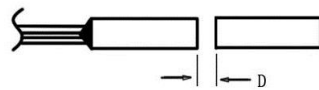
TABLE 2

Sensitivity Options:

Activate Distance are approximate
Using Sentek D6.35X12.7mm actuator

As illustrated

Switch AT before modification



Select Option	S		T		U		V	
	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm
1 Normally Open	07-10	20	10-13	17	13-15	14	15-20	10

TABLE 3

Cable Type:
22AWG 17/0.16PVC 80°C
UL1007

Standard Lengths	
SELECT OPTION	CABLE LENGTH (in) mm
01	(9.84)250
03	(11.18)300
04	(19.68)500
05	(39.37)1,000

TABLE 4

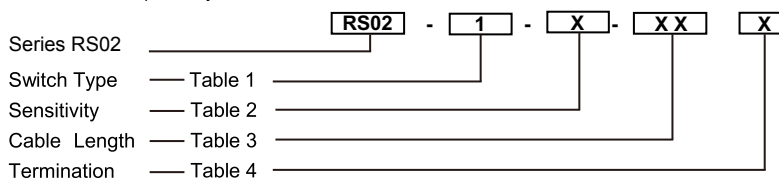
Termination Options:

SELECT OPTION	Description (2 wire version illustrated)
A	Tinned leads
F	Untinned leads
G	Twisted and Tinned
T	Connector

Note:
1. Wire end length available upon request
2. Connector per customer request

★ ORDERING INFORMATION

N.B. D6.35X12.7mm actuator sold separately



★ Features and Benefits



Features

- 2 part magnetically operated proximity sensor
- UL listed reed switch
- Customer defined sensitivity
- Choice of cable length

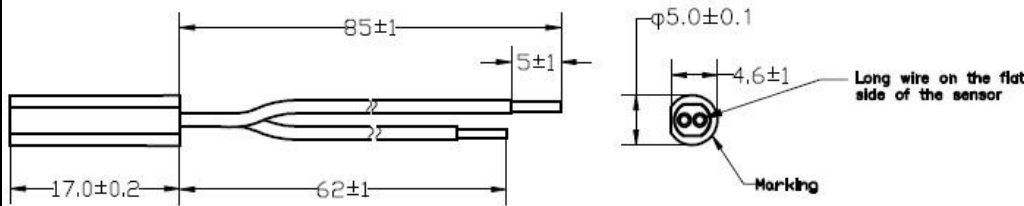
Benefits

- Quick and easy to install
- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminum
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contaminator

Applications

- Position and limit sensing
- Security
- Level sensing
- Linear actuators

★ DIMENSIONS (in) mm



SCHMATICS	Switch Type
	1

★ CUSTOMER OPTIONS-Switching Specifications

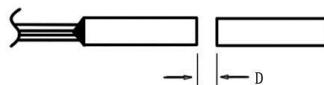
TABLE 1

Contact Type			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Switch Type			1	-	-	-
Power		Watt - max.	10	-	-	-
Voltage	Switching	Vdc - max.	200	-	-	-
	Breakdown	Vdc - max.	200	-	-	-
Current	Switching	A - max.	0.5	-	-	-
	Carry	A - max.	0.5	-	-	-
Resistance	Contact, Initial	Ω - max.	0.2	-	-	-
	Insulation	Ω - max.	10 ¹⁰	-	-	-
Temperature	Operating	°C	-30 to +80	-	-	-
	Storage	°C	-30 to +80	-	-	-
Time	Operate	ms - max.	1	-	-	-
	Release	ms - max.	1	-	-	-
Shock	11ms 1/2 sine	G - max.	100	-	-	-
Vibration	50-2000 Hz	G - max.	10	-	-	-

★ CUSTOMER OPTIONS-Sensitivity, Cable Length and Termination Specifications

TABLE 2

Sensitivity Options:
 Activate Distance are approximate
 Using Sentek D6.35X12.7mm actuator
 As illustrated



Switch AT before modification

Select Option		S		T		U		V	
Switch Type	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	
1 Normally Open	07-10	17	10-13	15	13-15	12	15-17	8	
2 High Voltage									
3 Change Over									
4 Normally Closed									

TABLE 3

Cable Type:
 24AWG 11/0.16 PVC 80°C
 UL1061

SELECT OPTION	CABLE LENGTH (in) mm
01	(9.84)250
03	(11.18)300
04	(19.68)500
05	(39.37)1,000

TABLE 4

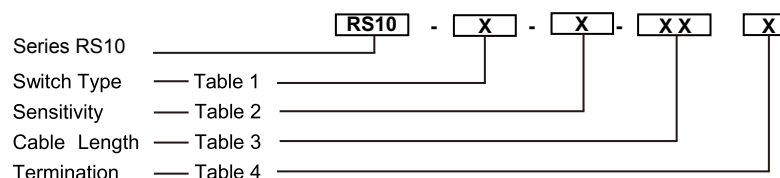
Termination Options:

SELECT OPTION	Description (2 wire version illustrated)
A	Tinned leads
F	Untinned leads
G	Twisted and Tinned
T	Connector

Note:
 1. Wire end length available upon request
 2. Connector per customer request

★ ORDERING INFORMATION

N.B. D6.35X12.7mm actuator sold separately



★ Features and Benefits



Features

- 2 part magnetically operated proximity sensor
- UL listed reed switch
- Customer defined sensitivity
- Choice of cable length

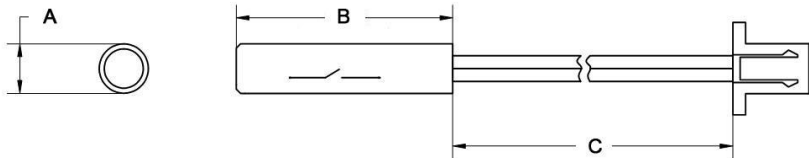
Benefits

- Quick and easy to install
- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminum
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination

Applications

- Position and limit sensing
- Security
- Level sensing
- Linear actuators

★ DIMENSIONS (in) mm



	A(Dia.) Max	B Max	C Max
RS20	(.228)5.8	(1.0)25.5	Table 3± (.197)5.0
M20	(.228)5.8	(1.0)25.5	-

★ CUSTOMER OPTIONS-Switching Specifications

TABLE 1

Contact Type			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Switch Type			1	2	3	4
Power		Watt - max.	10	10	3	3
Voltage	Switching	Vdc - max.	200	300	30	30
	Breakdown	Vdc - max.	250	450	150	150
Current	Switching	A - max.	0.5	0.5	0.2	0.2
	Carry	A - max.	1.0	1.5	0.5	0.5
Resistance	Contact, Initial	Ω - max.	0.2	0.2	0.2	0.2
	Insulation	Ω - max.	10 ¹⁰	10 ¹⁰	10 ⁹	10 ⁹
Capacitance	Contact	pF - typ.	0.3	0.2	1.5	1.5
	Operating	°C	-30 to +105	-20 to +105	-30 to +105	-30 to +105
Temperature	Storage	°C	-30 to +105	-30 to +105	-30 to +105	-30 to +105
	Time	Operate	ms - max.	1.0	1.0	3.0
Release		ms - max.	1.0	1.0	3.0	3.0
Shock	11ms 1/2 sine	G - max.	100	100	50	50
Vibration	50-2000 Hz	G - max.	30	30	30	30

★ CUSTOMER OPTIONS-Sensitivity, Cable Length and Termination Specifications

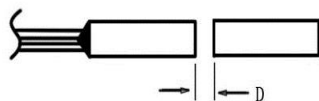
TABLE 2

Sensitivity Options:

Activate Distance are approximate
Using Sentek M20 actuator

As illustrated

Switch AT before modification



Select Option	S		T		U		V	
	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm
1	Normally Open	(.315)	15-20	(.236)	2025	(.197)	25-30	(.157)
2		High Voltage		8.0		6.0		5.0
3	Change Over	(.276)	15-20	(.276)	20-25	(.216)		
4		Normally Closed		8.5		7.0	5.5	

TABLE 3

Cable Type:
24AWG 11/0.16 PVC 105°C
UL1430/UL1569

Standard Lengths

SELECT OPTION	CABLE LENGTH (in) mm
01	(9.84)250
03	(11.18)300
04	(19.68)500
05	(39.37)1,000

TABLE 4

Termination Options:

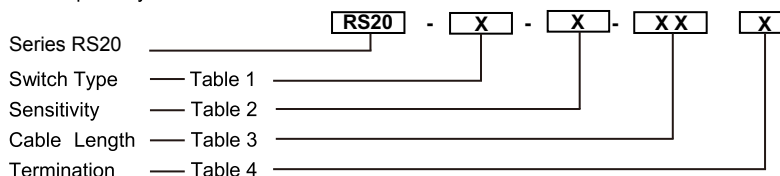
SELECT OPTION	Description (2 wire version illustrated)	End length (in) mm
A	Tinned leads	(.157) 4.0
F	Untinned leads	(.157) 4.0
G	Twisted and Tinned	(.157) 4.0
T	Connector	

Note:

1. Wire end length available upon request
2. Connector per customer request

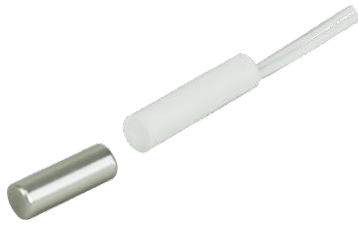
★ ORDERING INFORMATION

N.B. M20 actuator sold separately



SCHEMATICS		Switch Type
	black black	1&2
	white red black	3
	black black	4

★ Features and Benefits



Features

- 2 part magnetically operated proximity sensor
- UL listed reed switch
- Customer defined sensitivity
- Choice of cable length

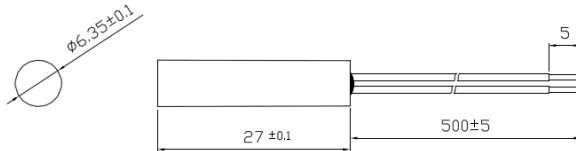
Benefits

- Quick and easy to install
- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminum
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contaminator

Applications

- Position and limit sensing
- Security
- Level sensing
- Linear actuators

★ DIMENSIONS (in) mm



★ CUSTOMER OPTIONS-Switching Specifications

TABLE 1

Contact Type			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Switch Type			1	2	3	4
Power		Watt - max.	10	10	3	3
Voltage	Switching	Vdc - max.	200	300	30	30
	Breakdown	Vdc - max.	250	450	150	150
Current	Switching	A - max.	0.5	0.5	0.2	0.2
	Carry	A - max.	1.0	1.5	0.5	0.5
Resistance	Contact, Initial	Ω - max.	0.2	0.2	0.2	0.2
	Insulation	Ω - max.	10 ¹⁰	10 ¹⁰	10 ⁹	10 ⁹
Capacitance	Contact	pF - typ.	0.3	0.2	1.5	1.5
	Operating	°C	-30 to +105	-20 to +105	-30 to +105	-30 to +105
Temperature	Storage	°C	-30 to +105	-30 to +105	-30 to +105	-30 to +105
	Operate	ms - max.	1.0	1.0	3.0	3.0
Time	Release	ms - max.	1.0	1.0	3.0	3.0
	Shock	11ms 1/2 sine	G - max.	100	50	50
Vibration	50-2000 Hz	G - max.	30	30	30	30

★ CUSTOMER OPTIONS-Sensitivity, Cable Length and Termination Specifications

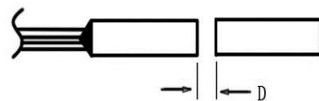
TABLE 2

Sensitivity Options:

Activate Distance are approximate
Using Sentek D6.35x19.05mm actuator

As illustrated

Switch AT before modification



Select Option	S	T	U	V				
Switch Type	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm
1 Normally Open	10-15	(.669)	15-20	(.472)	2025		25-30	
2 High Voltage		17.0		12.0				
3 Change Over	10-15	(.591)	15-20	(.394)	20-25			
4 Normally Closed		15.0		10.0				

TABLE 3

Cable Type:
24AWG 11/0.16 PVC 105°C
UL1430/UL1569

SELECT OPTION	CABLE LENGTH (in) mm
01	(9.84)250
03	(11.18)300
04	(19.68)500
05	(39.37)1,000

TABLE 4

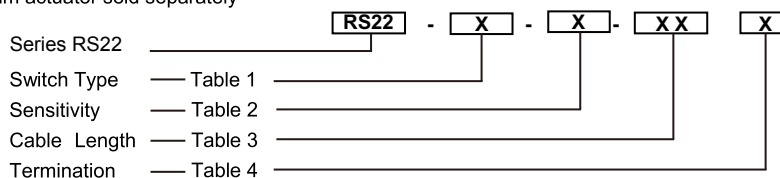
Termination Options:

SELECT OPTION	Description (2 wire version illustrated)
A	Tinned leads
F	Untinned leads
G	Twisted and Tinned
T	Connector

- Note:**
1. Wire end length available upon request
2. Connector per customer request

★ ORDERING INFORMATION

N.B. D6.35X19.05mm actuator sold separately



SCHEMATICS	Switch Type
	1&2
	3
	4

★ Features and Benefits



Features

- 2 part magnetically operated proximity sensor
- UL listed reed switch
- Customer defined sensitivity
- Choice of cable length

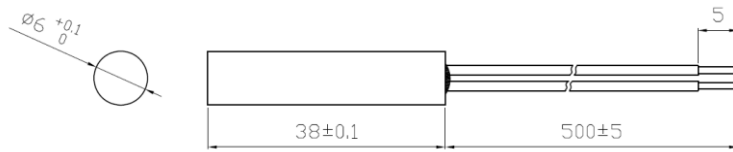
Benefits

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- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminum
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Applications

- Position and limit sensing
- Security
- Level sensing
- Linear actuators

★ DIMENSIONS (in) mm



★ CUSTOMER OPTIONS-Switching Specifications

TABLE 1

			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Switch Type			1	2	3	4
Power		Watt - max.	10	10	3	3
Voltage	Switching	Vdc - max.	200	300	30	30
	Breakdown	Vdc - max.	250	450	150	150
Current	Switching	A - max.	0.5	0.5	0.2	0.2
	Carry	A - max.	1.0	1.5	0.5	0.5
Resistance	Contact, Initial	Ω - max.	0.2	0.2	0.2	0.2
	Insulation	Ω - max.	10 ¹⁰	10 ¹⁰	10 ⁹	10 ⁹
Capacitance	Contact	pF - typ.	0.3	0.2	1.5	1.5
Temperature	Operating	°C	-30 to +105	-20 to +105	-30 to +105	-30 to +105
	Storage	°C	-30 to +105	-30 to +105	-30 to +105	-30 to +105
Time	Operate	ms - max.	1.0	1.0	3.0	3.0
	Release	ms - max.	1.0	1.0	3.0	3.0
Shock	11ms 1/2 sine	G - max.	100	100	50	50
Vibration	50-2000 Hz	G - max.	30	30	30	30

★ CUSTOMER OPTIONS-Sensitivity, Cable Length and Termination Specifications

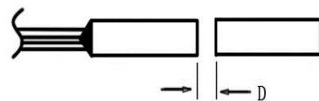
TABLE 2

Sensitivity Options:

Activate Distance are approximate
Using Sentek D6.35x12.7mm actuator

As illustrated

Switch AT before modification



Select Option		S		T		U		V	
Switch Type	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	
1 Normally Open	10-15	(.512)	15-20	(.315)	20-25		25-30		
2 High Voltage		13.0		8.0					
3 Change Over	10-15	(.472)	15-20	(.276)	20-25				
4 Normally Closed		12.0		7.0					

TABLE 3

Cable Type:
24AWG 11/0.16 PVC 105°C
UL1430/UL1569

Standard Lengths

SELECT OPTION	CABLE LENGTH (in) mm
01	(9.84)250
03	(11.18)300
04	(19.68)500
05	(39.37)1,000

TABLE 4

Termination Options:

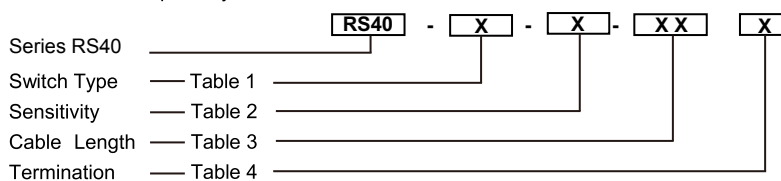
SELECT OPTION	Description (2 wire version illustrated)
A	Tinned leads
F	Untinned leads
G	Twisted and Tinned
T	Connector

Note:

1. Wire end length available upon request
2. Connector per customer request

★ ORDERING INFORMATION

N.B. D6.35X12.7mm actuator sold separately



SCHEMATICS	Switch Type
	1&2
	3
	4

★ Features and Benefits



Features

- Bras housing with 1/8"-27 NPSM thread
- 2 part magnetically operated proximity sensor
- UL listed reed switch
- Customer defined sensitivity
- Choice of cable length

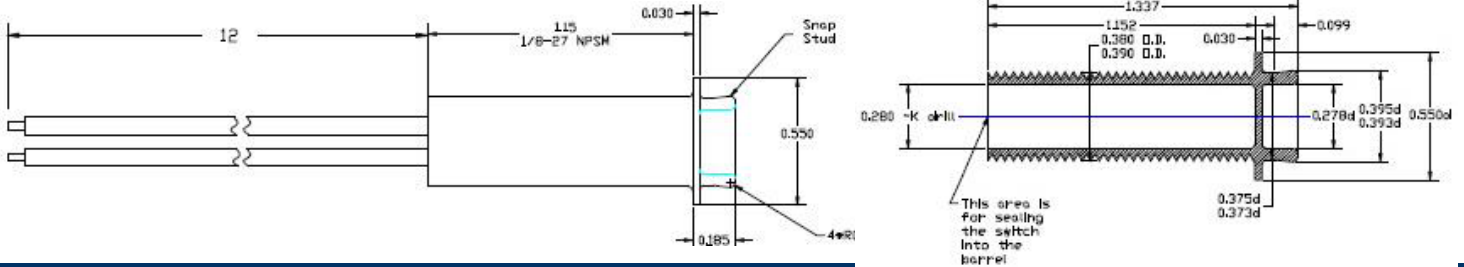
Benefits

- Quick and easy to install
- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminum
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination

Applications

- Position and limit sensing
- Security
- Level sensing
- Linear actuators

★ DIMENSIONS (in) mm



★ CUSTOMER OPTIONS-Switching Specifications

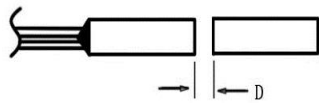
TABLE 1

Contact Type			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Switch Type			1	2	3	4
Power		Watt - max.	10	10	3	3
Voltage	Switching	Vdc - max.	200	300	30	30
	Breakdown	Vdc - max.	250	450	150	150
Current	Switching	A - max.	0.5	0.5	0.2	0.2
	Carry	A - max.	1.0	1.5	0.5	0.5
Resistance	Contact, Initial	Ω - max.	0.2	0.2	0.2	0.2
	Insulation	Ω - max.	10 ¹⁰	10 ¹⁰	10 ⁹	10 ⁹
Capacitance	Contact	pF - typ.	0.3	0.2	1.5	1.5
Temperature	Operating	°C	-30 to +105	-20 to +105	-30 to +105	-30 to +105
	Storage	°C	-30 to +105	-30 to +105	-30 to +105	-30 to +105
Time	Operate	ms - max.	1.0	1.0	3.0	3.0
	Release	ms - max.	1.0	1.0	3.0	3.0
Shock	11ms 1/2 sine	G - max.	100	100	50	50
Vibration	50-2000 Hz	G - max.	30	30	30	30

★ CUSTOMER OPTIONS-Sensitivity, Cable Length and Termination Specifications

TABLE 2

Sensitivity Options:
Activate Distance are approximate
Using Sentek M50 actuator
As illustrated



Switch AT before modification

Select Option	S	T	U	V
Switch Type	Pull in AT Range	Pull in AT Range	Pull in AT Range	Pull in AT Range
1 Normally Open	10-15	15-20	20-25	25-30
2 High Voltage				
3 Change Over	10-15	15-20	20-25	
4 Normally Closed				

TABLE 3

Cable Type:
24AWG 11/0.16 PVC 105°C
UL1430/UL1569

Standard Lengths	
SELECT OPTION	CABLE LENGTH (in) mm
01	(9.84)250
03	(11.18)300
04	(19.68)500
05	(39.37)1,000

TABLE 4

Termination Options:

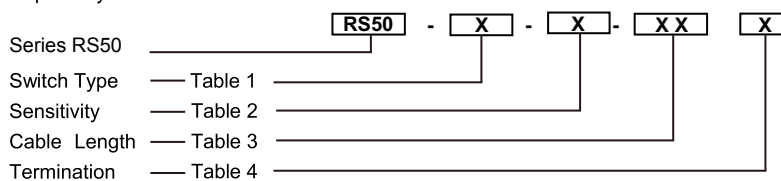
SELECT OPTION	Description (2 wire version illustrated)
A	Tinned leads
F	Untinned leads
G	Twisted and Tinned
T	Connector

Note:

1. Wire end length available upon request
2. Connector per customer request

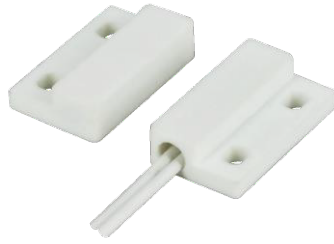
★ ORDERING INFORMATION

N.B. M50 actuator sold separately



SCHEMATICS	Switch Type
	1&2
	3
	4

★ Features and Benefits



Features

- magnetically operated position sensor
- UL listed reed switch
- Screw down or adhesive mounting
- Customer defined sensitivity
- Choice of cable length

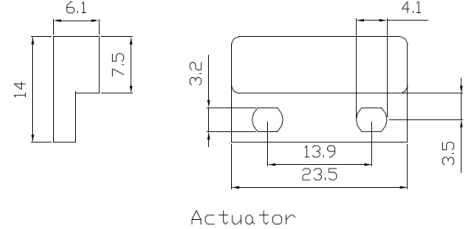
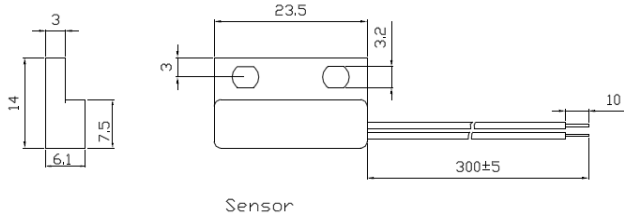
Benefits

- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminum
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination

Applications

- Position and limit sensing
- Security
- Level sensing
- Linear actuators
- Door switch

★ DIMENSIONS (in) mm



★ CUSTOMER OPTIONS-Switching Specifications

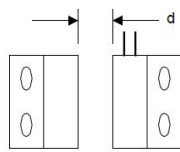
TABLE 1

			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Contact Type						
Switch Type			1		3	4
Power		Watt - max.	10		3	3
Voltage	Switching	Vdc - max.	200		30	30
	Breakdown	Vdc - max.	250		150	150
Current	Switching	A - max.	0.5		0.2	0.2
	Carry	A - max.	1.0		0.5	0.5
Resistance	Contact, Initial	Ω - max.	0.2		0.2	0.2
	Insulation	Ω - max.	10 ¹⁰		10 ⁹	10 ⁹
Capacitance	Contact	pF - typ.	0.3		1.5	1.5
	Operating	°C	-30 to +105		-30 to +105	-30 to +105
Temperature	Storage	°C	-30 to +105		-30 to +105	-30 to +105
	Time	Operate	ms - max.	1.0		3.0
Release		ms - max.	1.0		3.0	3.0
Shock	11ms 1/2 sine	G - max.	100		50	50
Vibration	50-2000 Hz	G - max.	30		30	30

★ CUSTOMER OPTIONS-Sensitivity, Cable Length and Termination Specifications

TABLE 2

Sensitivity Options:
 Activate Distance are approximate
 Using Sentek M60 actuator
As illustrated
Switch AT before modification



Select Option	S	T		U		V			
		Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm
1	Normally Open	07-10	(.591)	10-13	(.472)	13-15	(.315)	15-20	(.236)
			15.0		12.0		8.0		6.0
3	Change Over	10-15	(.394)	15-20	(.276)	20-25	(.216)		
4	Normally Closed		10.0		7.0		5.5		

TABLE 3

Cable Type:
 24AWG11/0.16 PVC 105°C
 UL1430/UL1569

Standard Lengths	
SELECT OPTION	CABLE LENGTH (in mm)
01	(9.84)250
03	(11.18)300
04	(19.68)500
05	(39.37)1,000

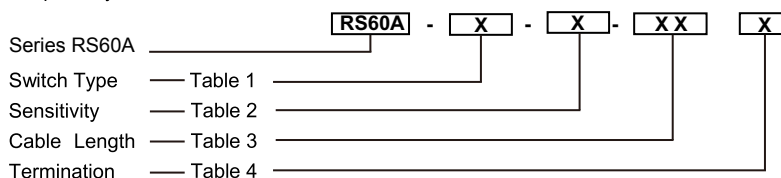
TABLE 4

Termination Options:		
SELECT OPTION	Description	
A	Tinned leads	
F	Untinned leads	
G	Twisted and Tinned	
T	Connector	

Note:
 1. Wire end length available upon request
 2. Connector per customer request

★ ORDERING INFORMATION

N.B. M60 actuator sold separately



SCHEMATICS	Switch Type
	1
	3
	4

★ Features and Benefits



Features

- magnetically operated position sensor
- UL listed reed switch
- Screw down or adhesive mounting
- Customer defined sensitivity
- Choice of cable length

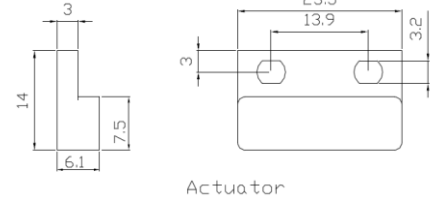
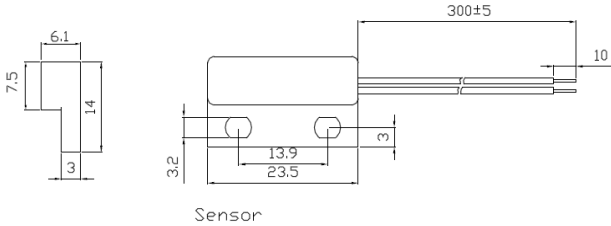
Benefits

- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminum
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination

Applications

- Position and limit sensing
- Security
- Level sensing
- Linear actuators

★ DIMENSIONS (in) mm



★ CUSTOMER OPTIONS-Switching Specifications

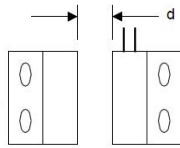
TABLE 1

Contact Type			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Switch Type			1		3	4
Power		Watt - max.	10		3	3
Voltage	Switching	Vdc - max.	200		30	30
	Breakdown	Vdc - max.	250		150	150
Current	Switching	A - max.	0.5		0.2	0.2
	Carry	A - max.	1.0		0.5	0.5
Resistance	Contact, Initial	Ω - max.	0.2		0.2	0.2
	Insulation	Ω - max.	10 ¹⁰		10 ⁹	10 ⁹
Capacitance	Contact	pF - typ.	0.3		1.5	1.5
	Operating	°C	-30 to +105		-30 to +105	-30 to +105
Temperature	Storage	°C	-30 to +105		-30 to +105	-30 to +105
	Time	Operate	ms - max.	1.0		3.0
Release		ms - max.	1.0		3.0	3.0
Shock	11ms 1/2 sine	G - max.	100		50	50
Vibration	50-2000 Hz	G - max.	30		30	30

★ CUSTOMER OPTIONS-Sensitivity, Cable Length and Termination Specifications

TABLE 2

Sensitivity Options:
 Activate Distance are approximate
 Using Sentek M60 actuator
As illustrated
Switch AT before modification



Select Option	S	T	U	V				
Switch Type	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm	Pull in AT Range	Activate Distance d mm
1 Normally Open	07-10	(.591) 15.0	10-13	(.472) 12.0	13-15	(.315) 8.0	15-20	(.236) 6.0
3 Change Over	10-15	(.394) 10.0	15-20	(.276) 7.0	20-25	(.216) 5.5		
4 Normally Closed								

TABLE 3

Cable Type:
 24AWG11/0.16 PVC 105°C
 UL1430/UL1569

Standard Lengths	
SELECT OPTION	CABLE LENGTH (in) mm
01	(9.84)250
03	(11.18)300
04	(19.68)500
05	(39.37)1,000

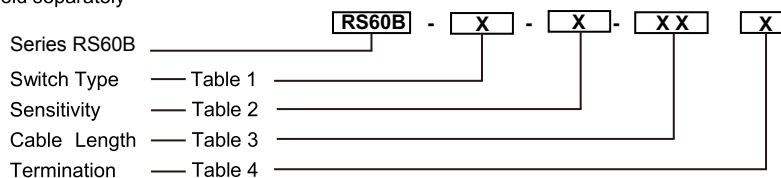
TABLE 4

Termination Options:		
SELECT OPTION	Description	
A	Tinned leads	
F	Untinned leads	
G	Twisted and Tinned	
T	Connector	

Note:
 1. Wire end length available upon request
 2. Connector per customer request

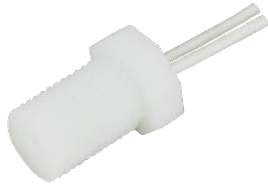
★ ORDERING INFORMATION

N.B. M60 actuator sold separately



SCHEMATICS	Switch Type
	1&2
	3
	4

★ Features and Benefits



Features

- magnetically operated proximity sensor
- UL listed reed switch
- Customer defined sensitivity
- Choice of cable length

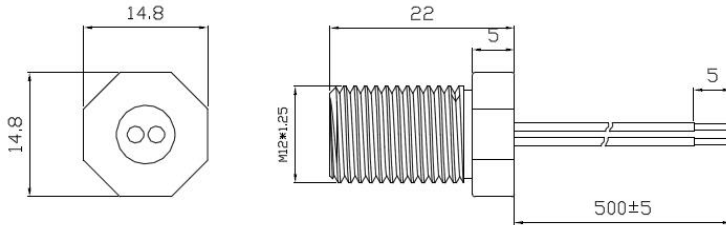
Benefits

- Quick and easy to install
- No standby power requirement
- Operates through non-ferrous materials such as wood, plastic or aluminum
- Hermetically sealed, magnetically operated contacts continue to operate long after optical and other technologies fail due to contamination

Applications

- Position and limit sensing
- Security
- Level sensing
- Linear actuators

★ DIMENSIONS (in) mm



★ CUSTOMER OPTIONS-Switching Specifications

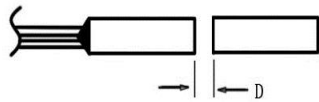
TABLE 1

Contact Type			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Switch Type			1		3	4
Power		Watt - max.	10		3	3
Voltage	Switching	Vdc - max.	200		30	30
	Breakdown	Vdc - max.	250		150	150
Current	Switching	A - max.	0.5		0.2	0.2
	Carry	A - max.	1.0		0.5	0.5
Resistance	Contact, Initial	Ω - max.	0.2		0.2	0.2
	Insulation	Ω - max.	10 ¹⁰		10 ⁹	10 ⁹
Capacitance	Contact	pF - typ.	0.3		1.5	1.5
Temperature	Operating	°C	-30 to +105		-30 to +105	-30 to +105
	Storage	°C	-30 to +105		-30 to +105	-30 to +105
Time	Operate	ms - max.	1.0		3.0	3.0
	Release	ms - max.	1.0		3.0	3.0
Shock	11ms 1/2 sine	G - max.	100		50	50
Vibration	50-2000 Hz	G - max.	30		30	30

★ CUSTOMER OPTIONS-Sensitivity, Cable Length and Termination Specifications

TABLE 2

Sensitivity Options:
 Activate Distance are approximate
 Using Sentek D6.35X19.05mm actuator
As illustrated
Switch AT before modification



Select Option	S	T	U	V
Switch Type	Pull in AT Range	Pull in AT Range	Pull in AT Range	Pull in AT Range
1 Normally Open	10-15	15-20	20-25	25-30
3 Change Over	10-15	15-20	20-25	
4 Normally Closed	10-15	15-20	20-25	

TABLE 3

Cable Type:
 24AWG 11/0.16 PVC 105°C
 UL1430/UL1569

Standard Lengths	
SELECT OPTION	CABLE LENGTH (in) mm
01	(9.84)250
03	(11.18)300
04	(19.68)500
05	(39.37)1,000

TABLE 4

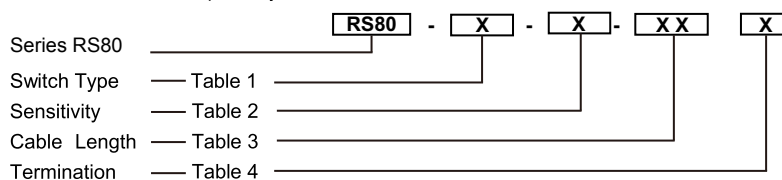
Termination Options:

SELECT OPTION	Description (2 wire version illustrated)
A	Tinned leads
F	Untinned leads
G	Twisted and Tinned
T	Connector

Note:
 1. Wire end length available upon request
 2. Connector per customer request

★ ORDERING INFORMATION

N.B. D6.35X19.05mm actuator sold separately



SCHEMATICS	Switch Type
	1
	3
	4