

Wiring connections

The diagram illustrates the wiring connections for the sensor. It shows a top-down view of the sensor head with labels for 'Spare terminals (Brass)' and 'Contact terminals connect to zone (Silver)'. A 3D perspective view shows the sensor head with X, Y, and Z axes, and a label for 'Approximate Operating'.

Specification		Distances(mm) When mounted on a Non-ferrous Surface	
Reed Switch	Housing		
Temperature: -10°C ~ +40°C	Material: HiPS	X	Min Close 18
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x13mm		Max Open 5
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm	Y	Min Close 20
Contact resistance: 150 mOhms	Face plate: 35 x 25mm		Max Open 23
Contact material: Palladium	Face plate Fixing: 27mm centres	Z	Min Close 20
			Max Open 30

Specification		Distances(mm) When mounted on a Non-ferrous Surface	
Reed Switch	Housing		
Temperature: -10°C ~ +40°C	Material: HIPS	X	Min Close 18
Voltage Rating: <50VAC	Contact Dimension: 19.5 dia x13mm		Max Open 5
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm	Y	Min Close 20
Contact resistance: 150 mOhms	Face plate: 35 x 25mm		Max Open 23
Contact material: Palladium	Face plate Fixing: 27mm centres	Z	Min Close 20
			Max Open 30

Diagram illustrating the wiring connections for the sensor. The top view shows the sensor head with labels for 'Spare terminals (Brass)' and 'Contact terminals connect to zone (Silver)'. A 3D view shows the sensor mounted on a wall with a coordinate system (X, Y, Z) indicating its orientation. A label 'Approximate Orientation' is present.

Specification				Housing				Distances(mm) When mounted on a Non-ferrous Surface		
Reed Switch								X	Min Close	18
Temperature: -10°C - +40°C				Material: HPS					Max Open	5
Voltage Rating: <50VDC				Contact Dimension: 19.5 dia x 13mm				Y	Min Close	20
Current rating: 0.5A DC & AC				Magnet Dimension: 19.5 dia x 5mm					Max Open	23
Contact resistance: 10 mOhms				Face plate: 35 x 25mm				Z	Min Close	20
Contact material: Palladium				Face plate Fixing: 27mm centres					Max Open	30

The diagram shows a top-down view of the contact assembly. It features a circular contact zone with four spiral contacts. Labels indicate that 'Spare terminals (Brass)' connect to the 'Contact terminals connect to zone (Silver)'. An inset shows a 3D perspective of the assembly with a coordinate system (X, Y, Z) and the text 'Approximate Operation'.

Specification		Distances (mm) When mounted on a Non-ferrous Surface	
Reed Switch	Housing		
Temperature: -10°C - +40°C	Material: HP5	X	Min Close 18 Max Open 5
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x 13mm	Y	Min Close 20 Max Open 23
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm		
Contact resistance: 15 mΩmHs	Face plate: 35 x 25mm	Z	Min Close 20 Max Open 30
Contact material: Palladium	Face plate Fixing: 27mm centres		

Wiring connections

The diagram illustrates the wiring connections for the sensor. The top view shows the sensor head with several terminals. Labels indicate that the 'Spare terminals (Brass)' are on the left and the 'Contact terminals connect to zone (Silver)' are on the right. A 3D perspective view shows the sensor mounted on a base, with a coordinate system (X, Y, Z) indicating the orientation.

Specification		Distances(mm)	
		When mounted on a Non-ferrous Surface	
Reed Switch	Housing		
Temperature: -10°C +40°C	Material: HiPS	X	Min Close 18 Max Open 5
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x13mm	Y	Min Close 20 Max Open 23
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm	Z	Min Close 20 Max Open 30
Contact resistance: 150 mOhms	Face plate 35 x 25mm		
Contact material: Palladium	Face plate Fixing: 27mm centres		

The diagram illustrates the internal structure of the contact assembly. It shows a circular arrangement of contact terminals. Labels indicate 'Spare terminals (Brass)' and 'Contact terminals connect to zone (Silver)'. A 3D perspective view on the right shows the assembly with X, Y, and Z axes. A label 'Approximate Orientation' is present.

Specification		Distances(mm) When mounted on a Non-ferrous Surface	
Reed Switch	Housing		
Temperature: -10°C ~ +40°C	Material: HiPS	X	Min Close 18
			Max Open 5
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x 13mm	Y	Min Close 20
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm		Max Open 23
Contact resistance: 150 mOhms	Face plate: 35 x 25mm	Z	Min Close 20
Contact material: Palladium	Face plate Fixing: 27mm centres		Max Open 30

The diagram shows a top-down view of a 16-pin connector. It features a central circular area with eight contact terminals arranged in a ring. Four of these terminals are labeled 'Contact terminals connect to zone (Silver)' and are connected to a common line. The other four terminals are labeled 'Spare terminals (Brass)'. To the right, a 3D perspective view shows the connector's profile with a coordinate system (X, Y, Z) indicating its orientation.

Specification			Appropriate Opening Distance (mm)	
			When mounted on a Non-ferrous Surface	
Reed Switch		Housing		
Temperature: -10°C ~ +40°C	Material: HIPS		X	Min Close 18 Max Open 5
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x 13mm		Y	Min Close 20 Max Open 23
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm			
Contact resistance: 150 mOhms	Face plate 35 x 25mm		Z	Min Close 20 Max Open 20
Contact material: Palladium	Excess plate Ejector: 27mm x 5mm			

The diagram illustrates the wiring connections for the sensor. The top-down view shows the sensor head with several terminals. Labels indicate that 'Spare terminals (Brass)' are on the left and 'Contact terminals connect to zone (Silver)' are on the right. A 3D view shows the sensor head mounted on a plate, with X, Y, and Z axes indicated.

Specification		When mounted on a Non-ferrous Surface	
Reed Switch	Housing	Min Close	Min Open
Temperature: -10°C ~ +40°C	Material: HIPS	X	5
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x1 3mm	Y	20
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm	Y	23
Contact resistance: 150 Mohms	Face plate: 35 x 25mm	Z	20
Contact material: Ballpush	Face plate Expt: 27mm x 25mm	Z	30

Wiring connections

The diagram illustrates the wiring connections for the sensor. It shows a top-down view of the sensor head with labels for 'Spare terminals (Brass)' and 'Contact terminals connect to zone (Silver)'. A 3D perspective view shows the sensor mounted on a wall with a coordinate system (X, Y, Z) indicating orientation.

Specification		Distances(mm) When mounted on a Non-ferrous Surface	
Reed Switch	Housing		
Temperature: -10°C +40°C	Material: HIPS	X	Min Close 18
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x13mm		Max Open 5
Current rating: 0.5A DC & AC	Magnet Dimension 19.5 dia x 5mm	Y	Min Close 20
Contact resistance: 150 mΩms	Face plate 35 x 25mm		Max Open 23
Contact material: Palladium	Face plate Fixing: 27mm centres	Z	Min Close 20
			Max Open 30

The diagram illustrates the connection of spare terminals and contact terminals to a zone. It shows a top-down view of a terminal block with four terminals. The left two terminals are labeled "Spare terminals (Brass)" and the right two are labeled "Contact terminals connect to zone (Silver)". A 3D perspective view to the right shows the terminal block with a coordinate system (X, Y, Z) and the label "Approximate Orientation".

Specification		Distances(mm) When mounted on a Non-ferrous Surface	
Reed Switch	Housing		
Temperature: -10°C ~ +40°C	Material: HIP5	X	Min Close 18
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x 13mm		Max Open 5
Current rating: 0.5A DC & AC	Magnet Dimension 19.5 dia x 5mm	Y	Min Close 20
Contact resistance: 150 mohms	Face plate 35 x 25mm		Max Open 23
Contact material: Palladium	Face plate Fixing: 27mm centres	Z	Min Close 20
			Max Open 30

The diagram shows a top-down view of the contact assembly. It features a central circular area with four curved contact terminals. Arrows point from the 'Spare terminals (Brass)' on the left to the 'Contact terminals connect to zone (Silver)' on the right. A 3D inset shows the assembly with X, Y, and Z axes, and a label 'Approximate Orientation'.

Specification		Distances(mm)	
		When mounted on a Non-ferrous Surface	
Reed Switch	Housing		
Temperature: -10°C ~ +40°C	Material: HIPS	X	Min Close 18 Max Open 5
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x 13mm	Y	Min Close 20 Max Open 23
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm		Min Close 20 Max Open 23
Contact resistance: 150 mohms	Face plate: 35 x 25mm	Z	Min Close 20 Max Open 30
Contact material: Palladium	Face plate fixing: 27mm centres		

The diagram illustrates the internal contact assembly. The left part is a top-down view of a circular contact plate with four spiral-shaped contact fingers. Labels indicate 'Spare terminals (Brass)' pointing to the outer edges and 'Contact terminals connect to zone (Silver)' pointing to the spiral fingers. The right part is a 3D perspective view of the contact plate mounted on a base, with a coordinate system showing X, Y, and Z axes. A label 'Approximate Orientation' is present at the bottom right.

Specification			Distances(mm) When mounted on a Non-ferrous Surface	
Reed Switch	Housing		X	Min Close 18 Max Open 5
Temperature: -10°C ~ +40°C	Material: HIPS			
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x 13mm		Y	Min Close 20 Max Open 23
Current rating: 0.5A DC & AC	Magnet Dimension 19.5 dia x 5mm			
Contact resistance: 150 mohms	Face plate 35 x 25mm		Z	Min Close 20 Max Open 30
Contact material: Palladium	Face plate Fixing: 27mm centres			

Wiring connections

The diagram illustrates the wiring connections for the sensor. It shows a top view of the sensor head with four terminals. Two terminals are labeled 'Spare terminals (Brass)' and two are labeled 'Contact terminals connect to zone (Silver)'. A side view shows the sensor mounted on a wall, with a 3D coordinate system (X, Y, Z) indicating its orientation.

Specification		Distances(mm)	
Reed Switch	Housing	When mounted on a Non-ferrous Surface	
Temperature: -10°C ~ +40°C	Material: HIPS	X	Min Close 15 Max Open 9
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x 13mm	Y	Min Close 20 Max Open 21
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm		Min Close 21 Max Open 22
Contact resistance: 150 mOhms	Face plate: 35 x 25mm	Z	Min Close 20 Max Open 30
Contact material: Palladium	Face plate Fixing: 27mm centres		

Specification		Distance(mm)	
		When mounted on a Non-ferrous Surface	
Reed Switch	Housing	X	Min Close 1 Max Open 9
Temperature: -10°C ~ +40°C	Material: HIPS		
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x 13mm	Y	Min Close 2 Max Open 21
Current rating: 0.5A DC & AC	Magnet Dimension 19.5 dia x 5mm		
Contact resistance: 150 mOhms	Face plate 35 x 25mm	Z	Min Close 2 Max Open 3
Contact material: Palladium	Face plate Fixing: 27mm centres		

The diagram shows a top-down view of a 6-pin connector. It has six circular contact terminals arranged in a hexagonal pattern. Two of these terminals are labeled "Contact terminals connect to zone (Silver)". The other four terminals are labeled "Spare terminals (Brass)". To the right of the connector, a 3D perspective view shows the connector's profile with a coordinate system: Z is vertical, Y is horizontal, and X is diagonal.

Specification		Application		
Reed Switch	Housing	Applicable Media	Operational Distance (mm)	
Temperature: -10°C ~ +40°C	Material: HIPS	When mounted on Non-ferrous Surfaces		
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x 13mm		X	Min Close 1 Max Open 5
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm		Y	Min Close 2 Max Open 21
Contact resistance: 150 mOhms	Face plate: 35 x 25mm		Z	Min Close 2 Max Open 21
Contact material: Palladium	End plate: Epoxy 27mm contact			Min Close 2 Max Open 21

The diagram illustrates the wiring connections for the sensor. The top part shows a top-down view of the sensor head with five terminals. Two terminals are labeled 'Spare terminals (Brass)' and are connected to a common line. The other three terminals are labeled 'Contact terminals connect to zone (Silver)'. The bottom part shows a 3D view of the sensor mounted on a wall, with a coordinate system (X, Y, Z) indicating its orientation.

Specification		Distances(mm)	
Reed Switch	Housing	When mounted on Non-ferrous Surface	
Temperature: -10°C ~ +40°C	Material: NIPS	X	Min Close
			Max Open
Voltage Rating: <50VDC	Contact Dimension: 19.5 dia x 13mm	Y	Min Close
Current rating: 0.5A DC & AC	Magnet Dimension: 19.5 dia x 5mm		Max Open
Contact resistance: 150 mOhms	Face plate: 35 x 25mm	Z	Min Close
Contact material: Palladium	Face plate Fixing: 77mm centres		Max Open