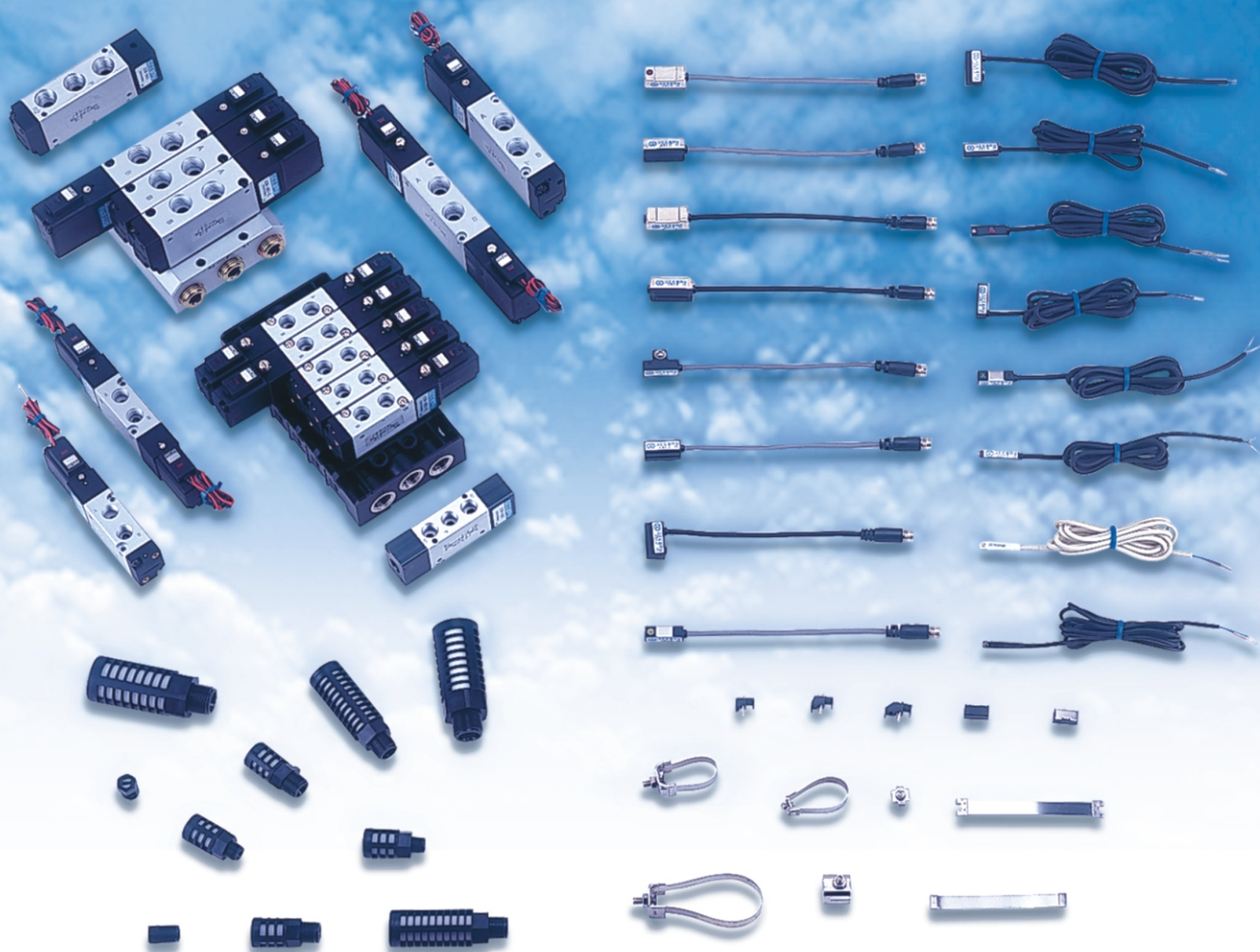




自動化空壓零組件

Pneumatic Components for Automation



主要產品(Main Products)

電磁閥	(Solenoid Valve)
連結座	(Connecting Base)
磁性感應器	(Magnetic Sensor)
固定束帶	(Fixing Band)
消音器	(Silencer)

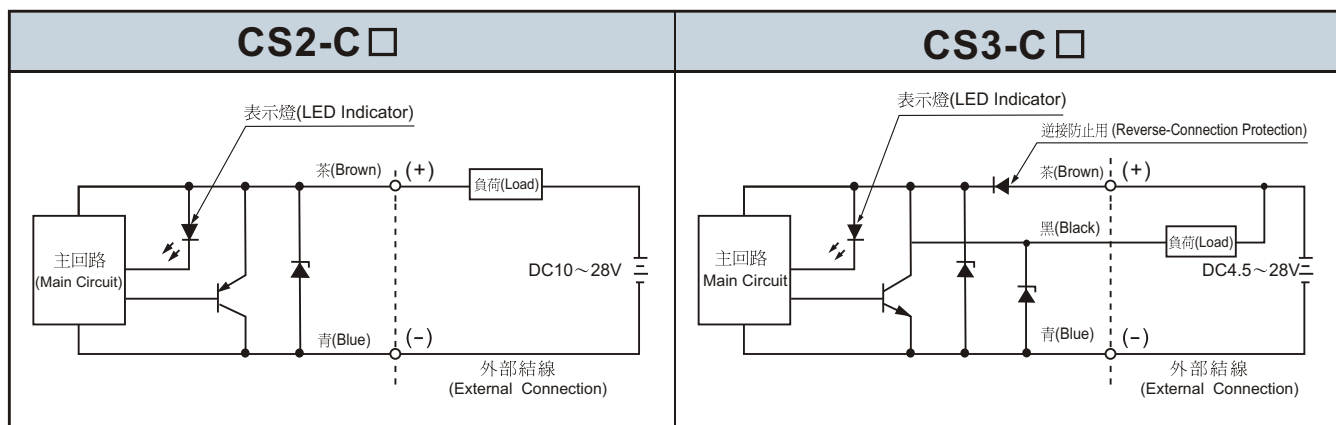
CS2-C □ • CS3-C □ 無接點(Free Connection)

● 規格(Specifications)

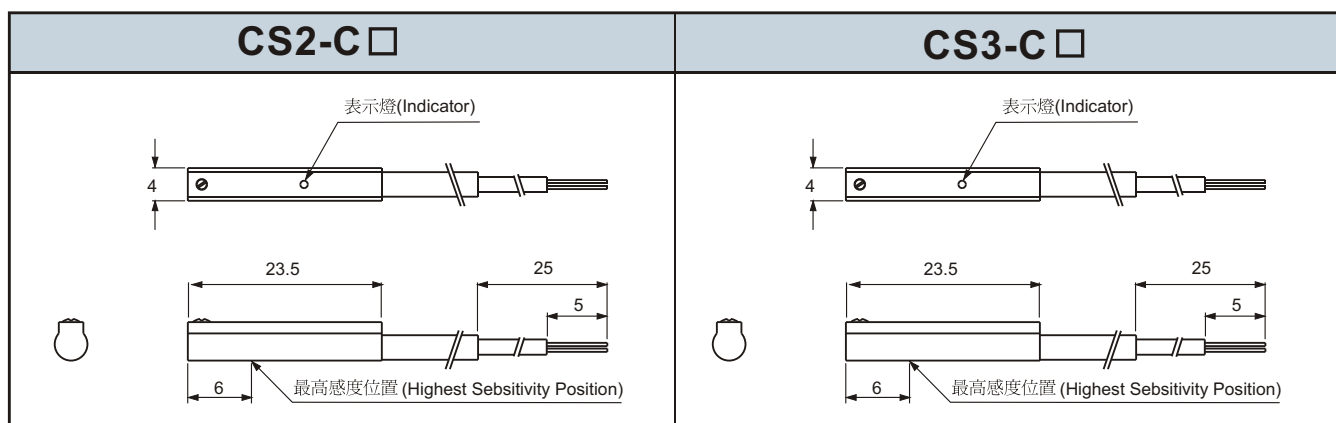


項目(Item)	形式(Type)	CS2-C □	CS3-C □
配線方式(Wiring Method)		2線式(2-Wire Type)	3線式(3-Wire Type)
電源電壓(Power Voltage)		-	DC4.5~28V
負荷電壓(Load Voltage)		DC10~28V	DC4.5~28V
負荷電流(Load Ampere)		4~20mA	50mA max.
ON時消費電流(Power Consumption at ON)		-	10mA max.(DC24V)
內部降下電壓(Internal Voltage Drop)		3.5V max.	0.5V max.負荷電流50mA時 (at 50mA)
漏電流(Current Leakage)		1mA max.(DC24V)	50 μ A max.(DC24V)
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100M Ω min. DC500V 線端末間 (Test The Joint Between The Unit And Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz) 1分鐘(One Minute) 線端末間 (Test The Joint Between This Unit And Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非線返 (Non-Recipro Cating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅 (Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67 規格(EC Spec.)、JIS C0920防浸形(Anti-Dip Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Wights Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2芯(Cores)X 茶(Brown)、青(Blue) X	PVC 0.2SQX3芯(Cores)X 茶(Brown)、黑(Black)、青(Blue) X
使用溫度範圍(Operating Temperature)		0~60 °C	
保存溫度範圍(Storage Temperature)		-10~70 °C	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)



CS-C □ • CS1-C □ 有接點(With Connection)

● 規格(Specifications)



項目(Item)	形式(Type)	CS-C □	CS1-C □
配線方式(Wiring Method)		2 線式(2-Wire Type)	
負荷電壓(Power Voltage)		DC3~30V, AC85~115V(r.m.s.)	DC5~28V, AC85~115V
負荷電流(Load Ampere)		DC40mA, AC25mA max.	DC40mA, AC25mA max.
內部降下電壓(Internal Voltage Drop)		0.2mV max.負荷電流40mA時(at 40mA)	2.2V max.負荷電流40mA時 (at 40mA)
漏電流(Leakage Current)		0mA	
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100M Ω min.DC500V 線端末間(Test The Joint Between This Unit and Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz)1分鐘 (One Mminute)線端末間(Test The Joint Between This Unit and Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G非繰返(Non-Reciprocating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅(Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67規格(IEC Spec.)、JIS C0920耐水形 (Waterpro Of Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Libhts Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2 芯(Cores)X 茶(Brown)、青(Blue) X 2	
電器的壽命(Service Life)		5X10 ⁶ 回(Times) min	
使用溫度範圍(Operating Temperature)		0~60℃	
保存溫度範圍(Storage Temperature)		-10~70℃	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)

CS-C □	CS1-C □

● 尺寸圖(Dimension Diagram) 單位(Unit:mm)

CS-C □	CS1-C □

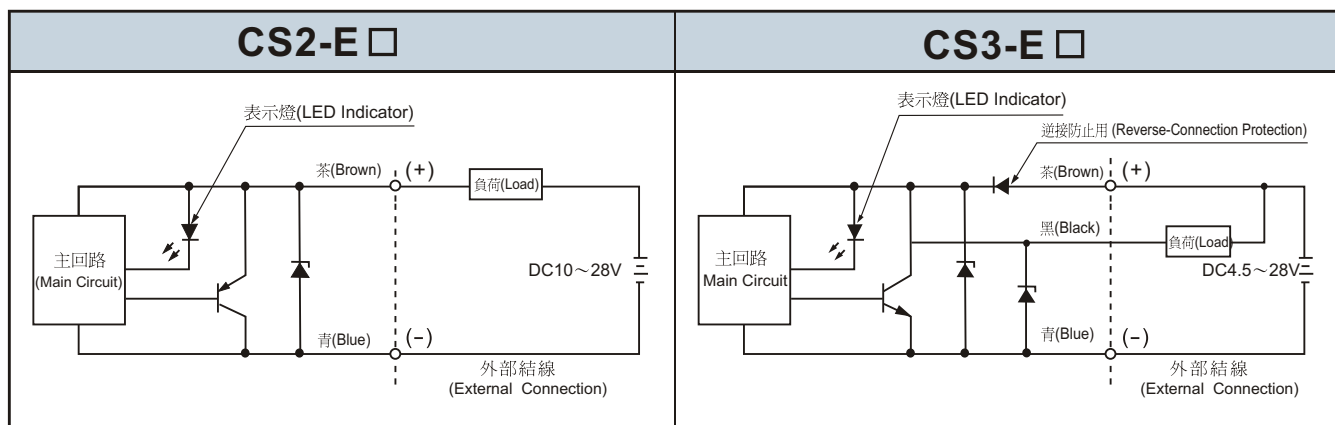
CS2-E □ • CS3-E □ 無接點(Free Connection)



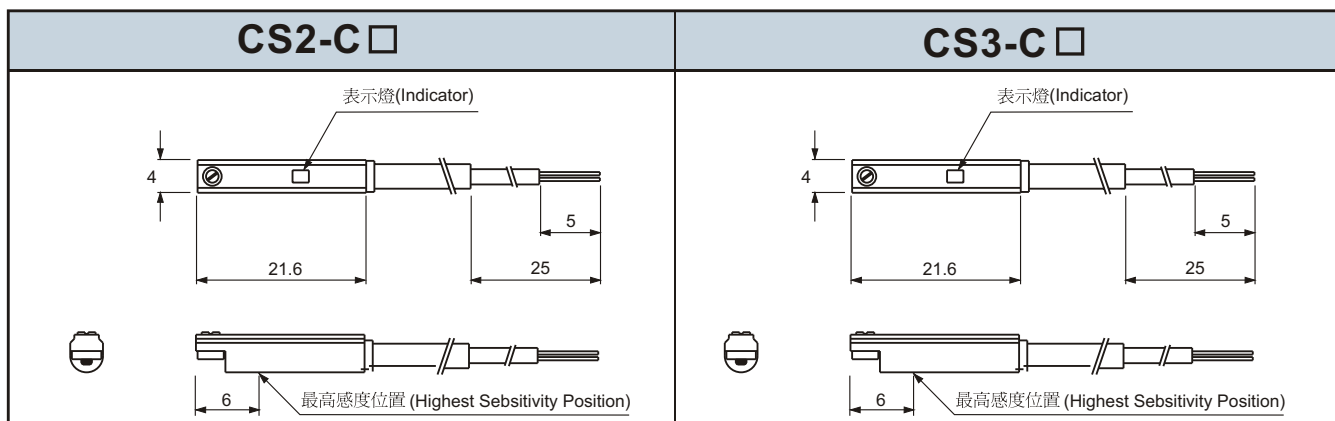
● 規格(Specifications)

項目(Item)	形式(Type)	CS2-E □	CS3-E □
配線方式(Wiring Method)		2線式(2-Wire Type)	3線式(3-Wire Type)
電源電壓(Power Voltage)		-	DC4.5~28V
負荷電壓(Load Voltage)		DC10~28V	DC4.5~28V
負荷電流(Load Ampere)		4~20mA	50mA max.
ON時消費電流(Power Consumption at ON)		-	10mA max.(DC24V)
內部降下電壓(Internal Voltage Drop)		3.5V max.	0.5V max.負荷電流50mA時(at 50mA)
漏電流(Current Leakage)		1mA max.(DC24V)	50 μ A max.(DC24V)
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100M Ω min. DC500V 線端末間 (Test The Joint Between The Unit And Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz) 1分鐘(One Minute)線端末間 (Test The Joint Between This Unit And Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非線返 (Non-Recipro Cating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅 (Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67 規格(EC Spec.)、JIS C0920防浸形 (Anti-Dip Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Wights Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2芯(Cores)X 茶(Brown)、青(Blue) X 2	PVC 0.2SQX3芯(Cores)X 茶(Brown)、黑(Black)、青(Blue) X 3
使用溫度範圍(Operating Temperature)		0~60 °C	
保存溫度範圍(Storage Temperature)		-10~70 °C	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)



CS-E □ • CS1-E □ 有接點(With Connection)



● 規格(Specifications)

項目(Item)	形式(Type)	CS-E □	CS1-E □
配線方式(Wiring Method)		2 線式(2-wire type)	
負荷電壓(Power Voltage)		DC3~30V, AC85~115V(r.m.s.)	DC3~30V, AC85~115V
負荷電流(Load Ampere)		DC40mA, AC20mA max.	DC40mA, AC25mA max.
內部降下電壓(Internal Voltage Drop)		0.2mV max.負荷電流40mA時(at 40mA)	2.2V max.負荷電流40mA時(at 40mA)
漏電流(Leakage Current)		0mA	
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100MΩ min.DC500V 線端末間(Test The Joint Between This Unit and Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz)1分鐘(One Mminute)線端末間(Test The Joint Between This Unit and Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非繰返(Non-Reciprocating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅(Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67規格(IEC Spec.)、JIS C0920耐水形 (Waterpro Of Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Libhts Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2 芯(Cores)X 茶(Brown)、青(Blue) X 2	
電器的壽命(Service Life)		5X10 ⁶ 回(Times) min	
使用溫度範圍(Operating Temperature)		0~60 °C	
保存溫度範圍(Storage Temperature)		-10~70 °C	
質量(Weight)		15g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)

CS-E □	CS1-E □

● 尺寸圖(Dimension Diagram) 單位(Unit:mm)

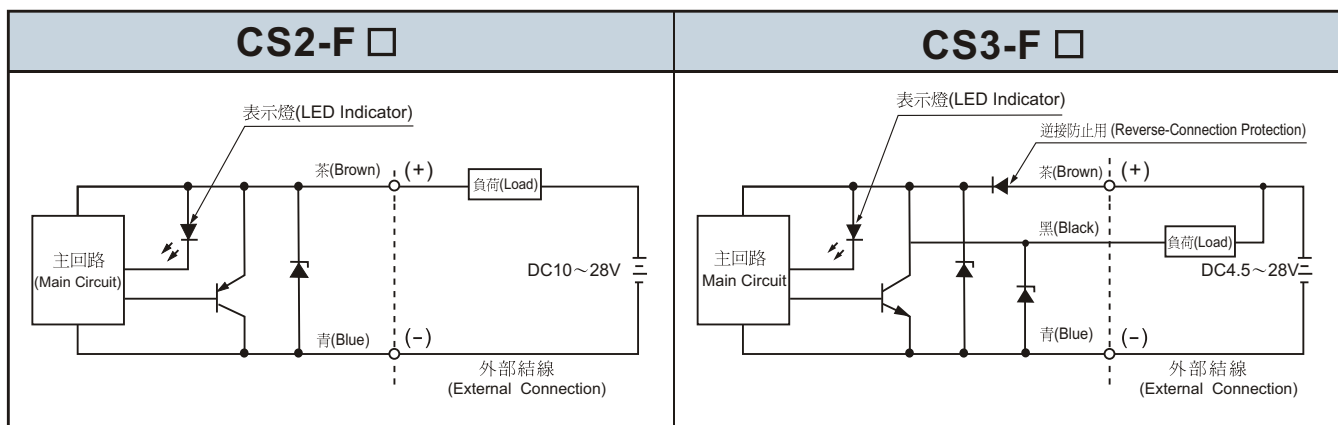
CS-E □	CS1-E □

CS2-F □ • CS3-F □ 無接點(Free Connection)

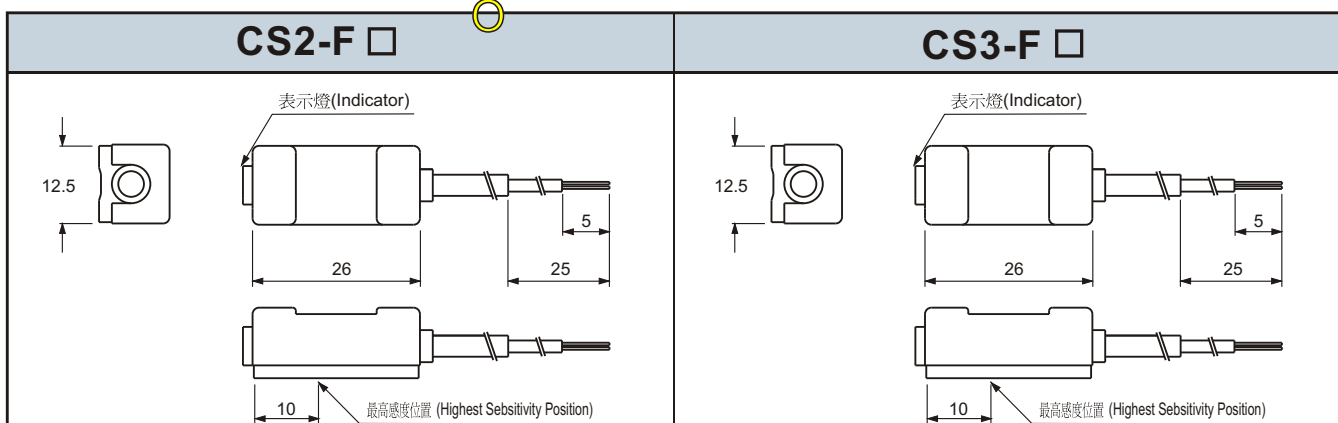
● 規格(Specifications)

項目(Item)	形式(Type)	CS2-F □	CS3-F □
配線方式(Wiring Method)		2線式(2-Wire Type)	3線式(3-Wire Type)
電源電壓(Power Voltage)		-	DC4.5~28V
負荷電壓(Load Voltage)		DC10~28V	DC4.5~28V
負荷電流(Load Ampere)		4~50mA	100mA max.
ON時消費電流(Power Consumption at ON)		-	10mA max.(DC24V)
內部降下電壓 (Internal Voltage Drop)		3.5V max.	0.5V max.負荷電流50mA時(at 50mA)
漏電流 (Current Leakage)		1mA max.(DC24V)	50 μ A max.(DC24V)
應答時間 (Response Time)		1ms max.	
絕緣抵抗 (Insulation Resistance)		100M Ω min. DC500V 線端末間 (Test The Joint Between The Unit And Wire End)	
絕緣耐壓 (Insulation Voltage Strength)		AC500V(50/60Hz) 1分鐘(One Minute)線端末間 (Test The Joint Between This Unit And Wire End)	
耐衝擊 (Impact Resistance)		294.2m/s ² 30G 非線返 (Non-Recipro Cating Impact)	
耐振動 (Vibration Resistance)		88.3m/s ² 9G 複振幅 (Double Amplitudes 1.5mm 10~55Hz.)	
保護構造 (Protection Configuration)		IP67 規格(EC Spec.)、JIS C0920 防浸形 (Anti-Dip Type)	
動作表示燈 (Operation Indicator)		ON時赤色LED點燈 (Red LED Wights Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2芯(Cores)X 茶(Brown)、青(Blue) X ℓ	PVC 0.2SQX3芯(Cores)X 茶(Brown)、黑(Black)、青(Blue) X ℓ
使用溫度範圍 (Operating Temperature)		0~60 °C	
保存溫度範圍 (Storage Temperature)		-10~70 °C	
質量(Weight)		35g線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)



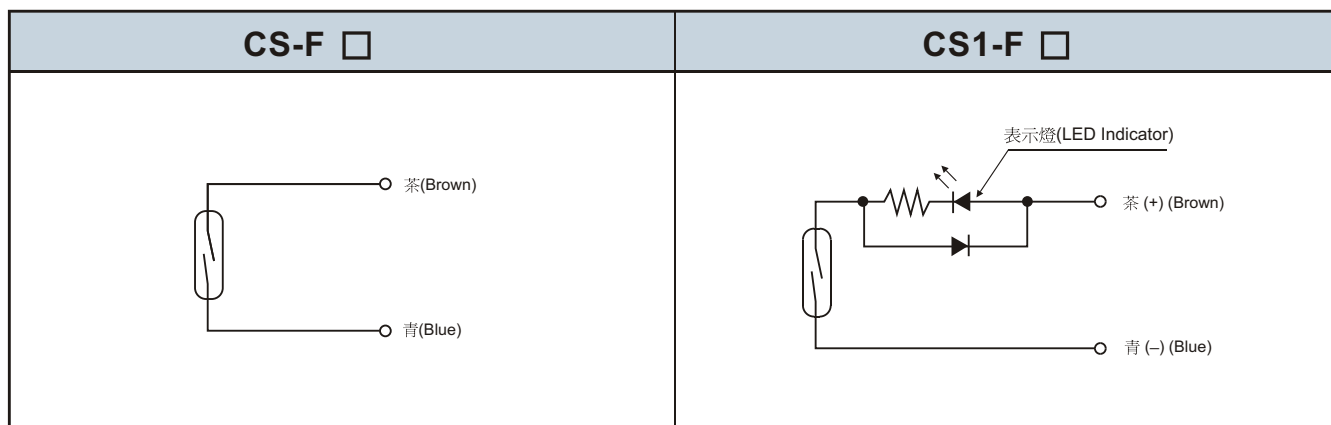
CS-F □ • CS1-F □ 有接點(With Connection)

● 規格(Specifications)

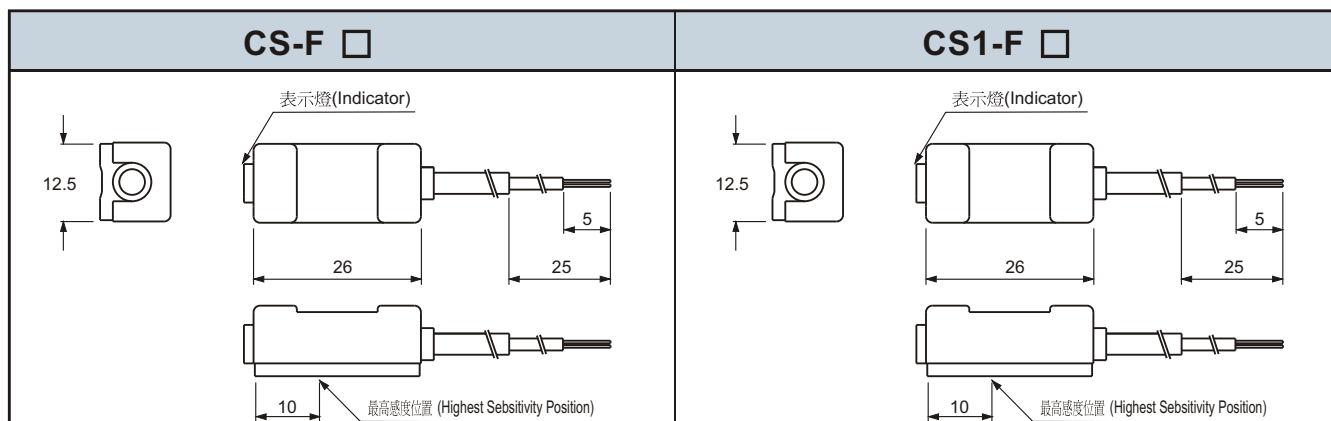


項目(Item)	形式(Type)	CS-F □	CS1-F □
配線方式(Wiring Method)		2 線式(2-Wire Type)	
負荷電壓(Power Voltage)		DC3~30V, AC85~240V(r.m.s.)	DC5~30V, AC85~240V
負荷電流(Load Ampere)		DC80mA, AC60mA max.	DC50mA, AC40mA max.
內部降下電壓(Internal Voltage Drop)		0.2mV max.負荷電流60mA時(at 60mA)	2.2V max.負荷電流40mA時 (at 40mA)
漏電流(Leakage Current)		0mA	
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100M Ω min.DC500V 線端末間(Test The Joint Between This Unit and Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz)1分鐘 (One Mminute)線端末間(Test The Joint Between This Unit and Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非繰返(Non-Reciprocating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅(Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67規格(IEC Spec.)、JIS C0920耐水形 (Waterpro Of Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Libhts Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2 芯(Cores)X 茶(Brown)、青(Blue) X 2	
電器的壽命(Service Life)		5X10 ⁶ 回(Times) min	
使用溫度範圍(Operating Temperature)		0~60 °C	
保存溫度範圍(Storage Temperature)		-10~70 °C	
質量(Weight)		35g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)



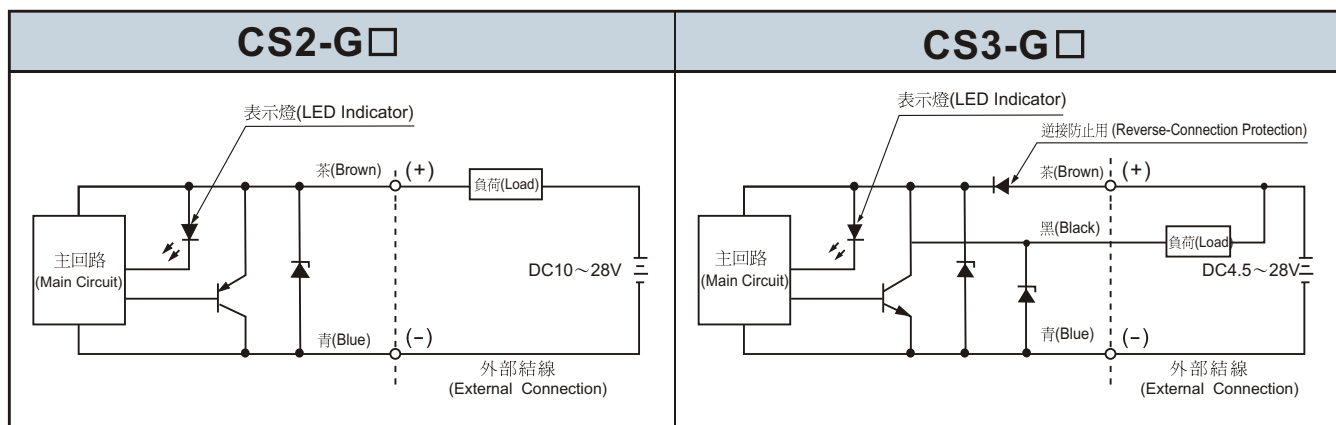
CS2-G□ • CS3-G□ 無接點(Free Connection)

● 規格(Specifications)

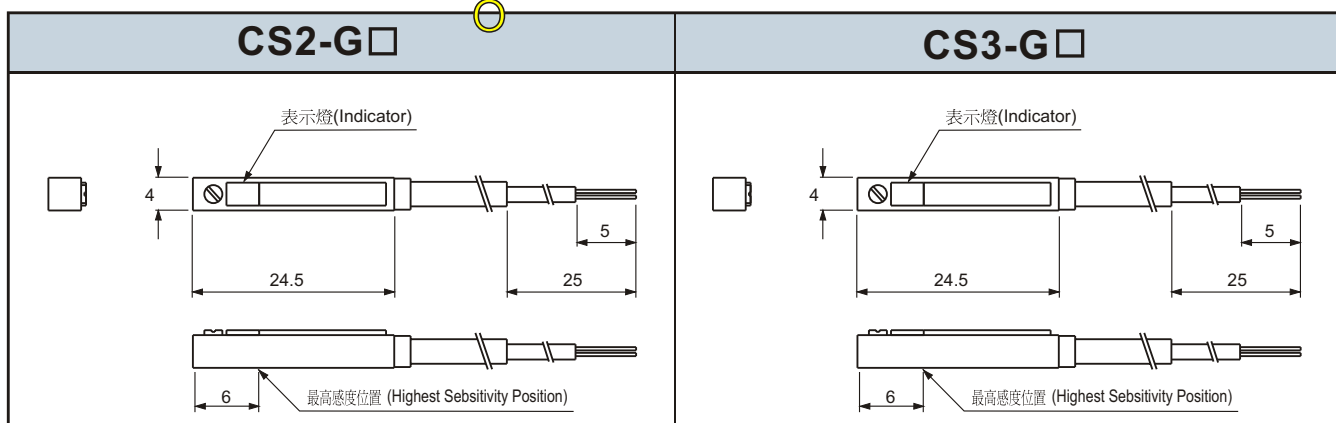


項目(Item)	形式(Type)	CS2-G□	CS3-G□
配線方式(Wiring Method)		2線式(2-Wire Type)	3線式(3-Wire Type)
電源電壓(Power Voltage)		-	DC4.5~28V
負荷電壓(Load Voltage)		DC10~28V	DC4.5~28V
負荷電流(Load Ampere)		4~50mA	50mA max.
ON時消費電流(Power Consumption at ON)		-	10mA max.(DC24V)
內部降下電壓 (Internal Voltage Drop)		3.5V max.	0.5V max.(at 50mA)(負荷電流50mA時)
漏電流 (Current Leakage)		1mA max.(DC24V)	50 μ A max.(DC24V)
應答時間 (Response Time)		1ms max.	
絕緣抵抗 (Insulation Resistance)		100M Ω min.DC500V 線端末間 (Test The Joint Between The Unit And Wire End)	
絕緣耐壓 (Insulation Voltage Strength)		AC500V(50/60Hz) 1分鐘(One Minute)線端末間 (Test TheJoint Between This Unit And Wire End)	
耐衝擊 (Impact Resistance)		294.2m/s ² 30G 非繰返 (Non-Recipro Cating Impact)	
耐振動 (Vibration Resistance)		88.3m/s ² 9G 複振幅 (Double Amplitudes 1.5mm 10~55Hz.)	
保護構造 (Protection Configuration)		IP67 規格(EC Spec.)、JIS C0920 防浸形 (Anti-Dip Type)	
動作表示燈 (Operation Indicator)		ON時赤色LED點燈 (Red LED Wights Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2芯(Cores)X 茶(Brown)、青(Blue) X ℓ	PVC 0.2SQX3芯(Cores)X 茶(Brown)、黑(Black)、青(Blue) X ℓ
使用溫度範圍 (Operating Temperature)		0~60℃	
保存溫度範圍 (Storage Temperature)		-10~70℃	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)



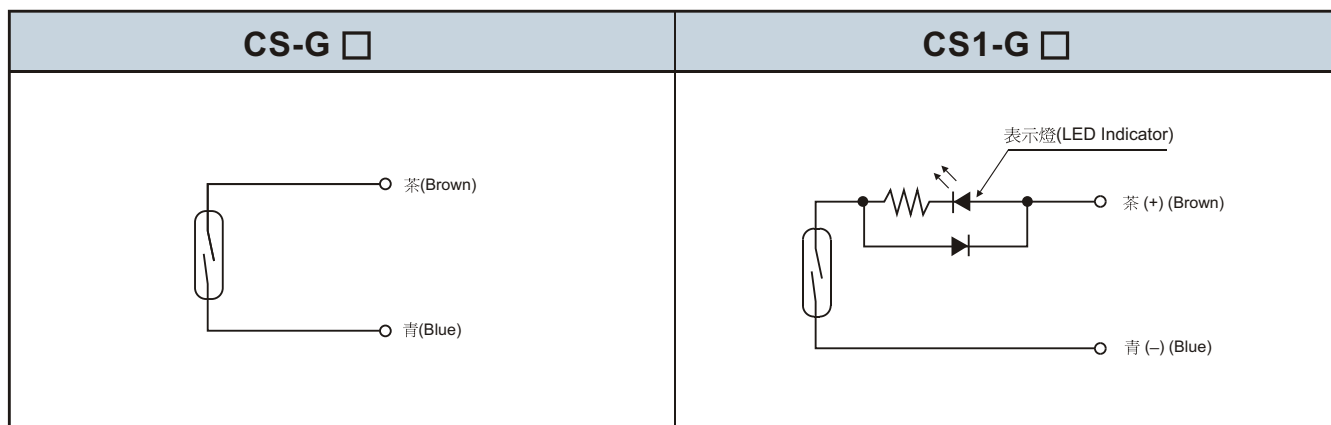
CS-G □ • CS1-G □ 有接點(With Connection)



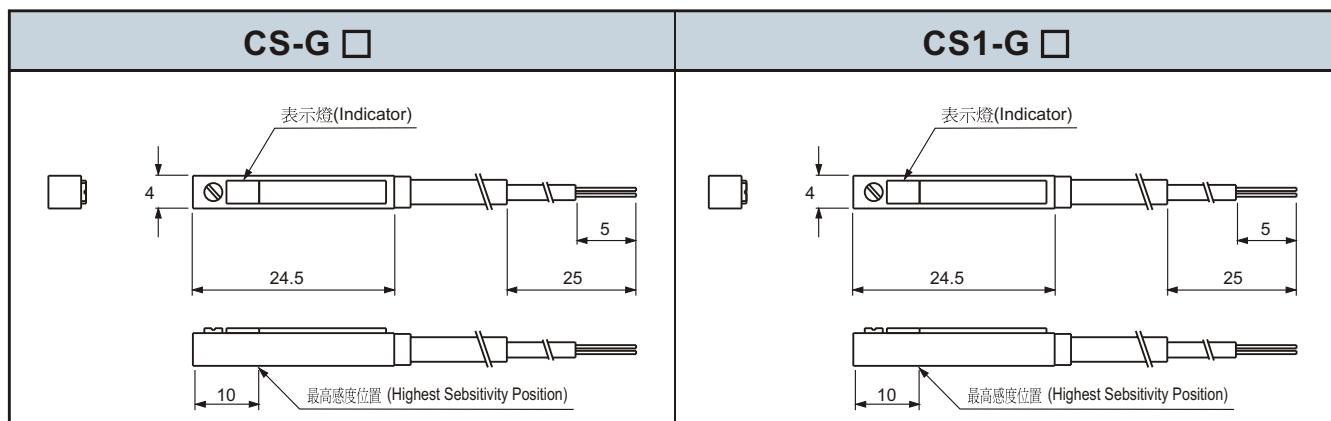
● 規格(Specifications)

項目(Item)	形式(Type)	CS-G □	CS1-G □
配線方式(Wiring Method)		2 線式(2-Wire Type)	
負荷電壓(Power Voltage)		DC3~30V, AC85~115V(r.m.s.)	DC5~28V, AC85~115V
負荷電流(Load Ampere)		DC60mA, AC25mA max.	DC40mA, AC25mA max.
內部降下電壓(Internal Voltage Drop)		0.2mV max.負荷電流40mA時(at 40mA)	2.2V max.負荷電流40mA時(at 40mA)
漏電流(Leakage Current)		0mA	
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100M Ω min.DC500V 線端末間(Test The Joint Between This Unit and Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz)1分鐘(One Mminute)線端末間(Test The Joint Between This Unit and Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非繰返(Non-Reciprocating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅(Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67規格(IEC Spec.)、JIS C0920耐水形 (Waterpro Of Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Libhts Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2 芯(Cores)X 茶(Brown)、青(Blue) X 2	
電器的壽命(Service Life)		5X10 ⁶ 回(Times) min	
使用溫度範圍(Operating Temperature)		0~60 °C	
保存溫度範圍(Storage Temperature)		-10~70 °C	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)

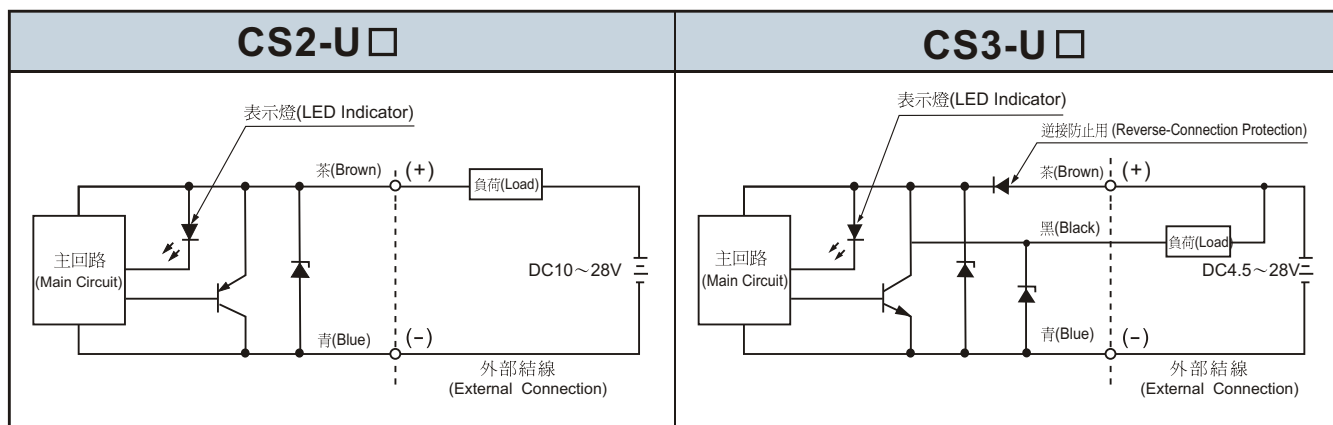


CS2-U□・CS3-U□ 無接點(Free Connection)

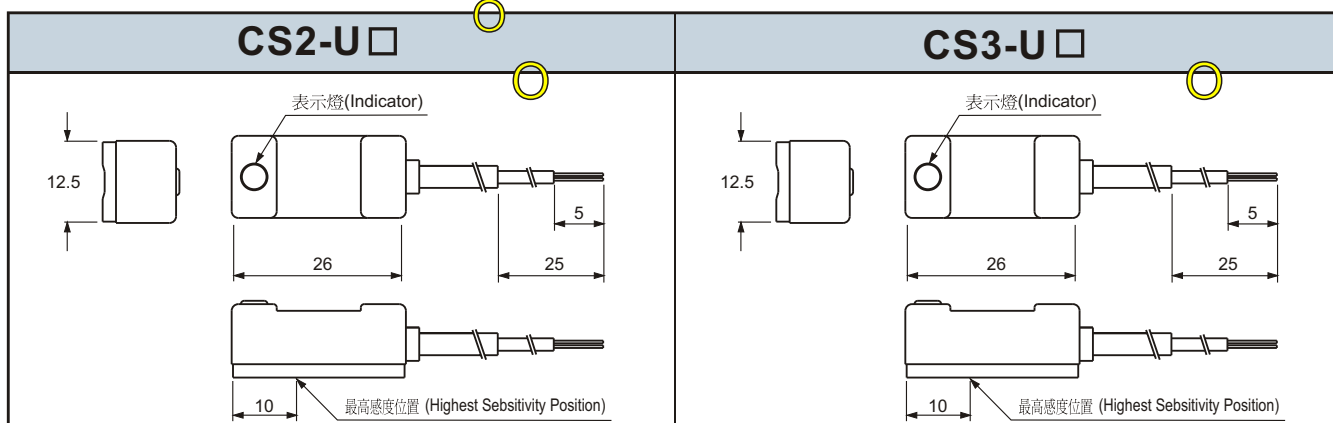
● 規格(Specifications)

項目(Item)	形式(Type)	CS2-U□	CS3-U□
配線方式(Wiring Method)		2線式(2-Wire Type)	3線式(3-Wire Type)
電源電壓(Power Voltage)		-	DC4.5~28V
負荷電壓(Load Voltage)		DC10~28V	DC4.5~28V
負荷電流(Load Ampere)		4~50mA	100mA max.
ON時消費電流(Power Consumption at ON)		-	10mA max.(DC24V)
內部降下電壓 (Internal Voltage Drop)		3.5V max.	0.5V max.負荷電流50mA時 (at 50mA)
漏電流 (Current Leakage)		1mA max.(DC24V)	50 μ A max.(DC24V)
應答時間 (Response Time)		1ms max.	
絕緣抵抗 (Insulation Resistance)		100M Ω min.DC500V 線端末間 (Test The Joint Between The Unit And Wire End)	
絕緣耐壓 (Insulation Voltage Strength)		AC500V(50/60Hz) 1分鐘(One Minute)線端末間 (Test TheJoint Between This Unit And Wire End)	
耐衝擊 (Impact Resistance)		294.2m/s ² 30G 非繰返 (Non-Recipro Cating Impact)	
耐振動 (Vibration Resistance)		88.3m/s ² 9G 複振幅 (Double Amplitudes 1.5mm 10~55Hz.)	
保護構造 (Protection Configuration)		IP67 規格(EC Spec.)、JIS C0920 防浸形 (Anti-Dip Type)	
動作表示燈 (Operation Indicator)		ON時赤色LED點燈 (Red LED Wights Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2芯(Cores)X 茶(Brown)、青(Blue) X ℓ	PVC 0.2SQX3芯(Cores)X 茶(Brown)、黑(Black)、青(Blue) X ℓ
使用溫度範圍 (Operating Temperature)		0~60℃	
保存溫度範圍 (Storage Temperature)		-10~70℃	
質量(Weight)		35g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)

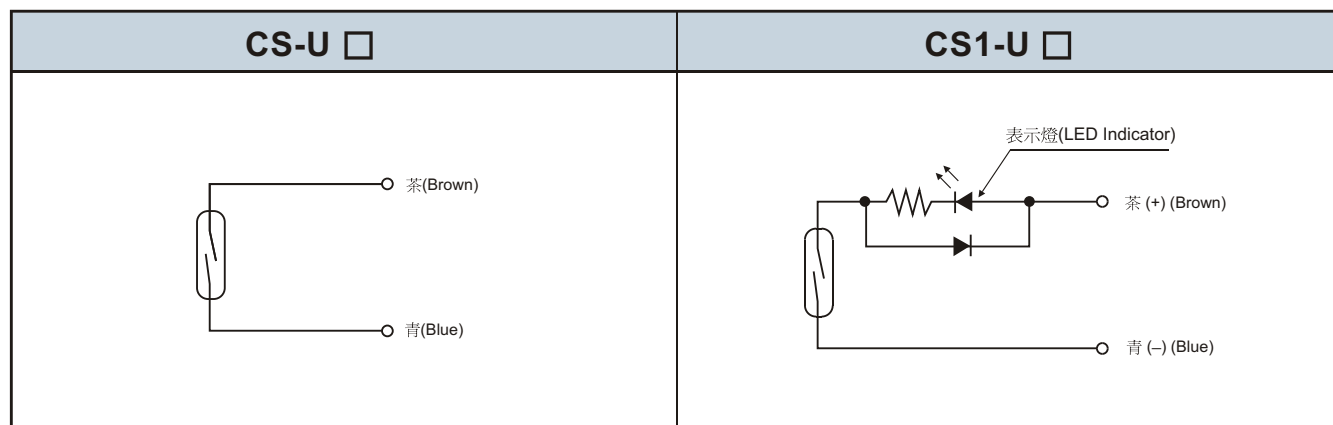


CS-U □ • CS1-U □ 有接點(With Connection)

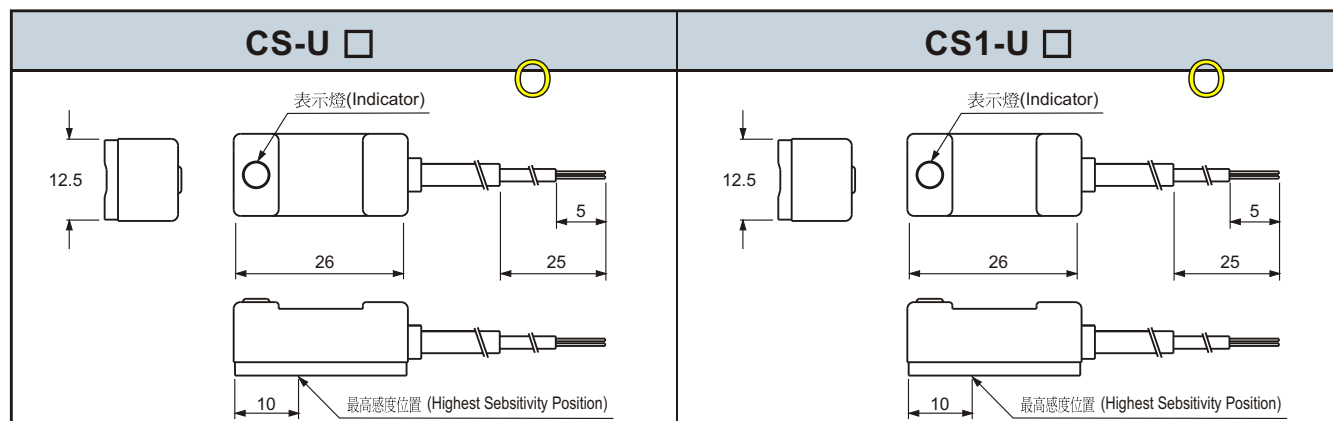
● 規格(Specifications)

項目(Item)	形式(Type)	CS-U □	CS1-U □
配線方式(Wiring Method)		2 線式(2-Wire Type)	
負荷電壓(Power Voltage)		DC3~30V, AC85~240V(r.m.s.)	DC5~30V, AC85~240V
負荷電流(Load Ampere)		DC80mA, AC60mA max.	DC50mA, AC40mA max.
內部降下電壓(Internal Voltage Drop)		0.2mV max.負荷電流40mA時(at 40mA)	2.2V max.負荷電流40mA時(at 40mA)
漏電流(Leakage Current)		0mA	
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100MΩ min. DC500V 線端末間(Test The Joint Between This Unit and Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz)1分鐘(One Mminute)線端末間(Test The Joint Between This Unit and Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非繰返(Non-Reciprocating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅(Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67規格(IEC Spec.)、JIS C0920耐水形 (Waterpro Of Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Libhts Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2 芯(Cores)X 茶(Brown)、青(Blue) X 2	
電器的壽命(Service Life)		5X10 ⁶ 回(Times) min	
使用溫度範圍(Operating Temperature)		0~60 °C	
保存溫度範圍(Storage Temperature)		-10~70 °C	
質量(Weight)		35g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)



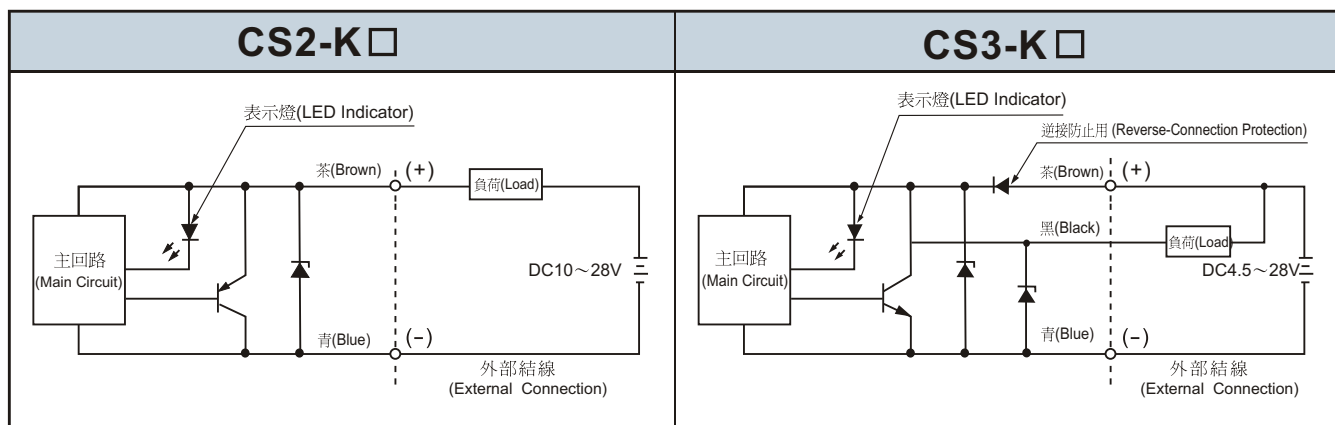
CS2-K□・CS3-K□ 無接點(Free Connection)



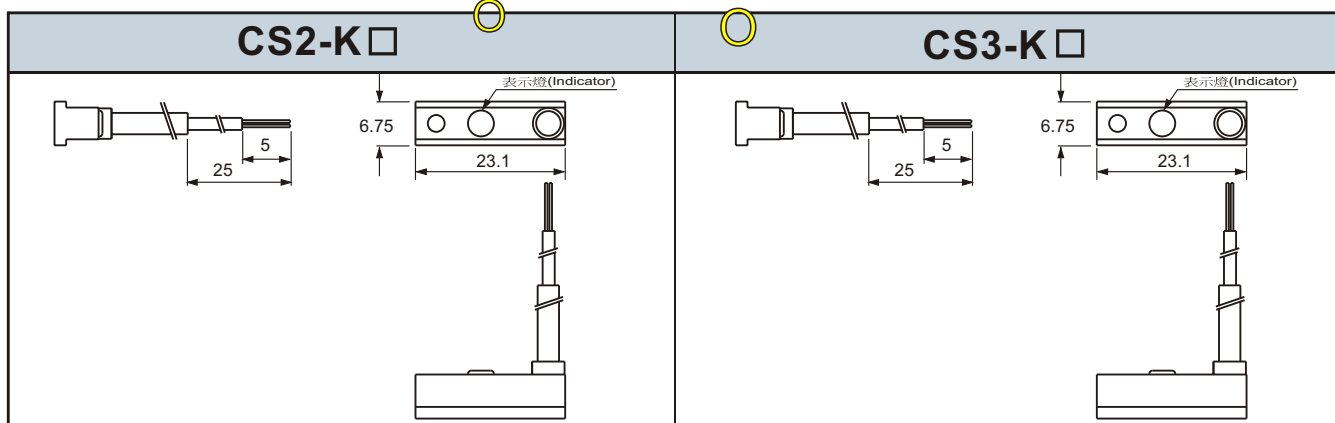
● 規格(Specifications)

項目(Item)	形式(Type)	CS2-K□	CS3-K□
配線方式(Wiring Method)		2線式(2-Wire Type)	3線式(3-Wire Type)
電源電壓(Power Voltage)		-	DC4.5~28V
負荷電壓(Load Voltage)		DC10~28V	DC4.5~28V
負荷電流(Load Ampere)		4~50mA	100mA max.
ON時消費電流(Power Consumption at ON)		-	10mA max.(DC24V)
內部降下電壓(Internal Voltage Drop)		3.5V max.	0.5V max.負荷電流50mA時 (at 50mA)
漏電流(Current Leakage)		1mA max.(DC24V)	50 μ A max.(DC24V)
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100M Ω min.DC500V 線端末間 (Test The Joint Between The Unit And Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz) 1分鐘(One Minute)線端末間 (Test The Joint Between This Unit And Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非繰返 (Non-Recipro Cating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅 (Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67 規格(EC Spec.)、JIS C0920 防浸形 (Anti-Dip Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Wights Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2芯(Cores)X 茶(Brown)、青(Blue) X ℓ	PVC 0.2SQX3芯(Cores)X 茶(Brown)、黑(Black)、青(Blue) X ℓ
使用溫度範圍(Operating Temperature)		0~60℃	
保存溫度範圍(Storage Temperature)		-10~70℃	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)



CS-K □ • CS1-K □ 有接點(With Connection)



● 規格(Specifications)

項目(Item)	形式(Type)	CS-K □	CS1-K □
配線方式 (Wiring Method)		2 線式(2-Wire Type)	
負荷電壓 (Power Voltage)		DC3~30V, AC85~115V(r.m.s.)	DC5~28V, AC85~115V
負荷電流 (Load Ampere)		DC40mA, AC25mA max.	DC40mA, AC25mA max.
內部降下電壓 (Internal Voltage Drop)		0.2mV max.負荷電流40mA時(at 40mA)	2.2V max.負荷電流40mA時 (at 40mA)
漏電流 (Leakage Current)		0mA	
應答時間 (Response Time)		1ms max.	
絕緣抵抗 (Insulation Resistance)		100MΩ min.DC500V 線端末間(Test The Joint Between This Unit and Wire End)	
絕緣耐壓 (Insulation Voltage Strength)		AC500V(50/60Hz)1分鐘 (One Mminute)線端末間(Test The Joint Between This Unit and Wire End)	
耐衝擊 (Impact Resistance)		294.2m/s ² 30G 非繰返(Non-Reciprocating Impact)	
耐振動 (Vibration Resistance)		88.3m/s ² 9G 複振幅(Double Amplitudes 1.5mm 10~55Hz.)	
保護構造 (Protection Configuration)		IP67規格(IEC Spec.)、JIS C0920耐水形 (Waterpro Of Type)	
動作表示燈 (Operation Indicator)		ON時赤色LED點燈 (Red LED Libhts Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2 芯(Cores)X 茶(Brown)、青(Blue) X 2	
電器的壽命(Service Life)		5X10 ⁶ 回(Times) min	
使用溫度範圍 (Operating Temperature)		0~60 °C	
保存溫度範圍 (Storage Temperature)		-10~70 °C	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)

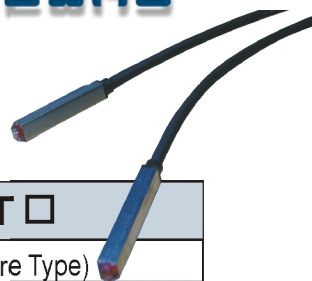
CS-K □	CS1-K □

● 尺寸圖(Dimension Diagram) 單位(Unit:mm)

CS-K □	CS1-K □

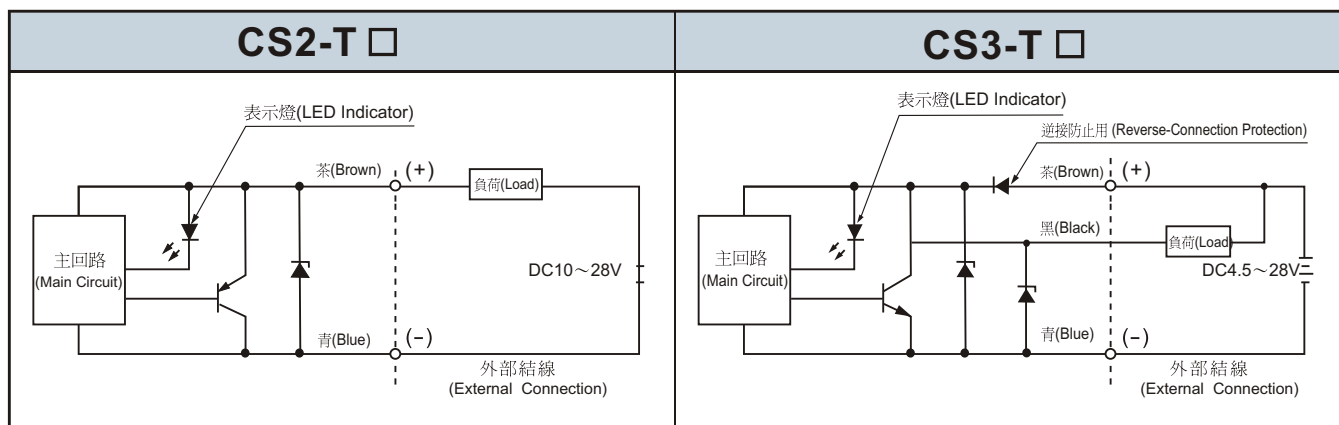
CS2-T □ • CS3-T □ 無接點(Free Connection)

● 規格(Specifications)

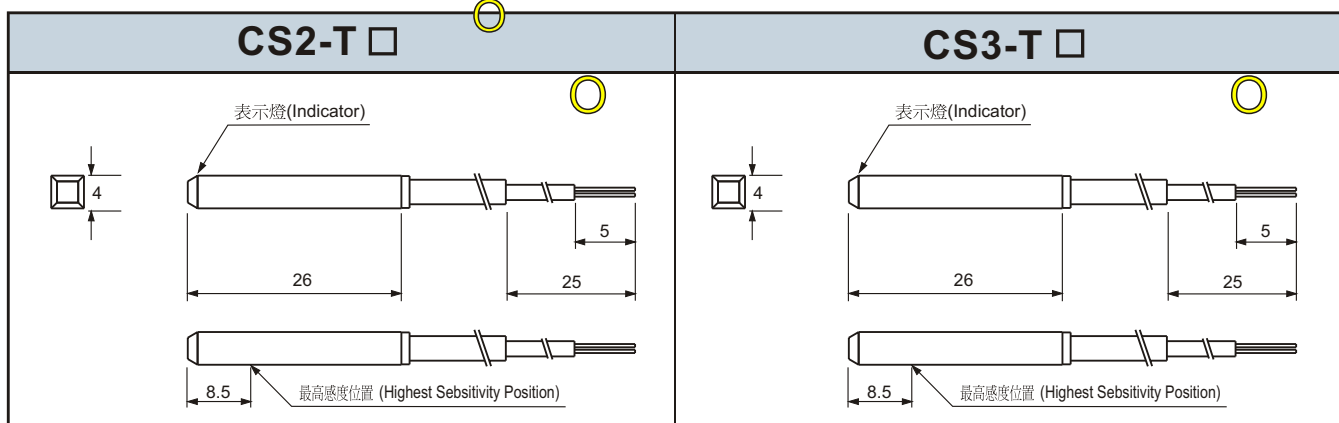


項目(Item)	形式(Type)	CS2-T □	CS3-T □
配線方式(Wiring Method)		2線式(2-Wire Type)	3線式(3-Wire Type)
電源電壓(Power Voltage)		-	DC4.5~28V
負荷電壓(Load Voltage)		DC10~28V	DC4.5~28V
負荷電流(Load Ampere)		4~50mA	100mA max.
ON時消費電流(Power Consumption at ON)		-	10mA max.(DC24V)
內部降下電壓 (Internal Voltage Drop)		3.5V max.	0.5V max.負荷電流50mA時 (at 50mA)
漏電流 (Current Leakage)		1mA max.(DC24V)	50 μ A max.(DC24V)
應答時間 (Response Time)		1ms max.	
絕緣抵抗 (Insulation Resistance)		100M Ω min.DC500V 線端末間 (Test The Joint Between The Unit And Wire End)	
絕緣耐壓 (Insulation Voltage Strength)		AC500V(50/60Hz) 1分鐘(One Minute)線端末間 (Test TheJoint Between This Unit And Wire End)	
耐衝擊 (Impact Resistance)		294.2m/s ² 30G 非繰返 (Non-Recipro Cating Impact)	
耐振動 (Vibration Resistance)		88.3m/s ² 9G 複振幅 (Double Amplitudes 1.5mm 10~55Hz.)	
保護構造 (Protection Configuration)		IP67 規格(EC Spec.)、JIS C0920 防浸形 (Anti-Dip Type)	
動作表示燈 (Operation Indicator)		ON時赤色LED點燈 (Red LED Wights Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2芯(Cores)X 茶(Brown)、青(Blue) X ℓ	PVC 0.2SQX3芯(Cores)X 茶(Brown)、黑(Black)、青(Blue) X ℓ
使用溫度範圍 (Operating Temperature)		0~60 °C	
保存溫度範圍 (Storage Temperature)		-10~70 °C	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)

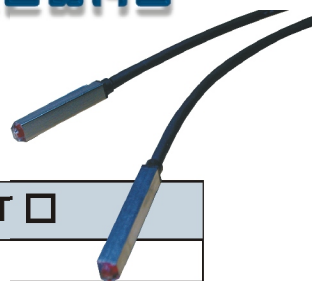


● 尺寸圖(Dimension Diagram) 單位(Unit:mm)



CS-T □ • CS1-T □ 有接點(With Connection)

● 規格(Specifications)



項目(Item)	形式(Type)	CS-T □	CS1-T □
配線方式(Wiring Method)		2 線式(2-Wire Type)	
負荷電壓(Power Voltage)		DC3~30V, AC85~115V(r.m.s.)	DC5~28V, AC85~115V
負荷電流(Load Ampere)		DC60mA, AC25mA max.	DC40mA, AC25mA max.
內部降下電壓(Internal Voltage Drop)		0.2mV max.負荷電流40mA時(at 40mA)	2.2V max.負荷電流40mA時(at 40mA)
漏電流(Leakage Current)		0mA	
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100MΩ min.DC500V 線端末間(Test The Joint Between This Unit and Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz)1分鐘 (One Mminute)線端末間(Test The Joint Between This Unit and Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非繰返(Non-Reciprocating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅(Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67規格(IEC Spec.)、JIS C0920耐水形 (Waterpro Of Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Libhts Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2 芯(Cores)X 茶(Brown)、青(Blue) X 2	
電器的壽命(Service Life)		5X10 ⁶ 回(Times) min	
使用溫度範圍(Operating Temperature)		0~60℃	
保存溫度範圍(Storage Temperature)		-10~70℃	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)

CS-T □	CS1-T □

● 尺寸圖(Dimension Diagram) 單位(Unit:mm)

CS-T □	CS1-T □

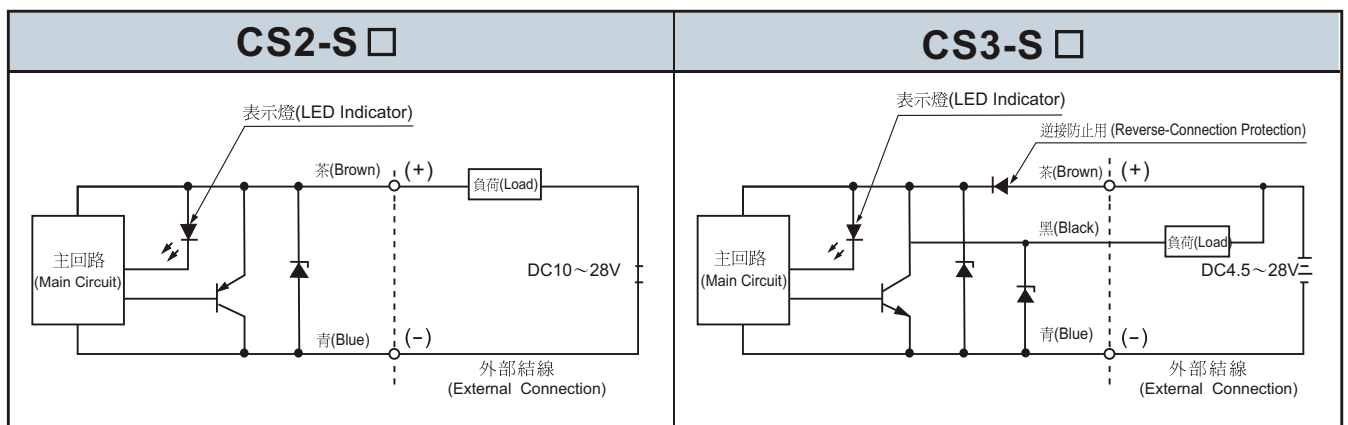
CS2-S □ • CS3-S □ 無接點(Free Connection)

● 規格(Specifications)

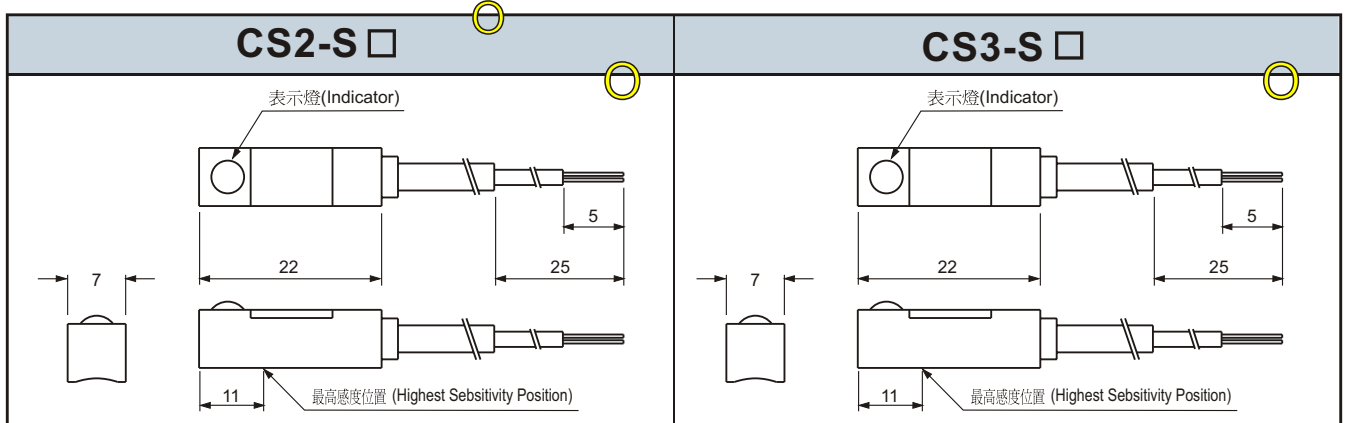


項目(Item)	形式(Type)	CS2-S □	CS3-S □
配線方式(Wiring Method)		2線式(2-Wire Type)	3線式(3-Wire Type)
電源電壓(Power Voltage)		-	DC4.5~28V
負荷電壓(Load Voltage)		DC10~28V	DC4.5~28V
負荷電流(Load Ampere)		4~50mA	50mA max.
ON時消費電流(Power Consumption at ON)		-	10mA max.(DC24V)
內部降下電壓 (Internal Voltage Drop)		3.5V max.	0.5V max.負荷電流50mA時 (at 50mA)
漏電流 (Current Leakage)		1mA max.(DC24V)	50 μ A max.(DC24V)
應答時間 (Response Time)		1ms max.	
絕緣抵抗 (Insulation Resistance)		100M Ω min.DC500V 線端末間 (Test The Joint Between The Unit And Wire End)	
絕緣耐壓 (Insulation Voltage Strength)		AC500V(50/60Hz) 1分鐘(One Minute)線端末間 (Test TheJoint Between This Unit And Wire End)	
耐衝擊 (Impact Resistance)		294.2m/s ² 30G 非繰返 (Non-Recipro Cating Impact)	
耐振動 (Vibration Resistance)		88.3m/s ² 9G 複振幅 (Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67 規格(EC Spec.)、JIS C0920 防浸形 (Anti-Dip Type)	
動作表示燈 (Operation Indicator)		ON時赤色LED點燈 (Red LED Wights Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2芯(Cores)X 茶(Brown)、青(Blue) X ℓ	PVC 0.2SQX3芯(Cores)X 茶(Brown)、黑(Black)、青(Blue) X ℓ
使用溫度範圍 (Operating Temperature)		0~60 $^{\circ}$ C	
保存溫度範圍 (Storage Temperature)		-10~70 $^{\circ}$ C	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)



CS-S □ • CS1-S □ 有接點(With Connection)

● 規格(Specifications)



項目(Item)	形式(Type)	CS-S □	CS1-S □
配線方式 (Wiring Method)		2 線式(2-Wire Type)	
負荷電壓 (Power Voltage)		DC3~30V, AC85~115V(r.m.s.)	DC5~28V, AC85~115V
負荷電流 (Load Ampere)		DC60mA, AC25mA Max.	DC40mA, AC25mA Max.
內部降下電壓 (Internal Voltage Drop)		0.2mV max.負荷電流40mA時(at 40mA)	2.2V max.負荷電流40mA時 (at 40mA)
漏電流 (Leakage Current)		0mA	
應答時間 (Response Time)		1ms max.	
絕緣抵抗 (Insulation Resistance)		100M Ω min.DC500V 線端末間(Test The Joint Between This Unit and Wire End)	
絕緣耐壓 (Insulation Voltage Strength)		AC500V(50/60Hz)1分鐘 (One Mminute)線端末間(Test The Joint Between This Unit and Wire End)	
耐衝擊 (Impact Resistance)		294.2m/s ² 30G 非繰返(Non-Reciprocating Impact)	
耐振動 (Vibration Resistance)		88.3m/s ² 9G 複振幅(Double Amplitudes 1.5mm 10~55Hz.)	
保護構造 (Protection Configuration)		IP67規格(IEC Spec.)、JIS C0920耐水形 (Waterpro Of Type)	
動作表示燈 (Operation Indicator)		ON時赤色LED點燈 (Red LED Libhts Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2 芯(Cores)X 茶(Brown)、青(Blue) X ℓ	
電器的壽命(Service Life)		5X10 ⁶ 回(Times) min	
使用溫度範圍 (Operating Temperature)		0~60 °C	
保存溫度範圍 (Storage Temperature)		-10~70 °C	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)

CS-S □	CS1-S □

● 尺寸圖(Dimension Diagram) 單位(Unit:mm)

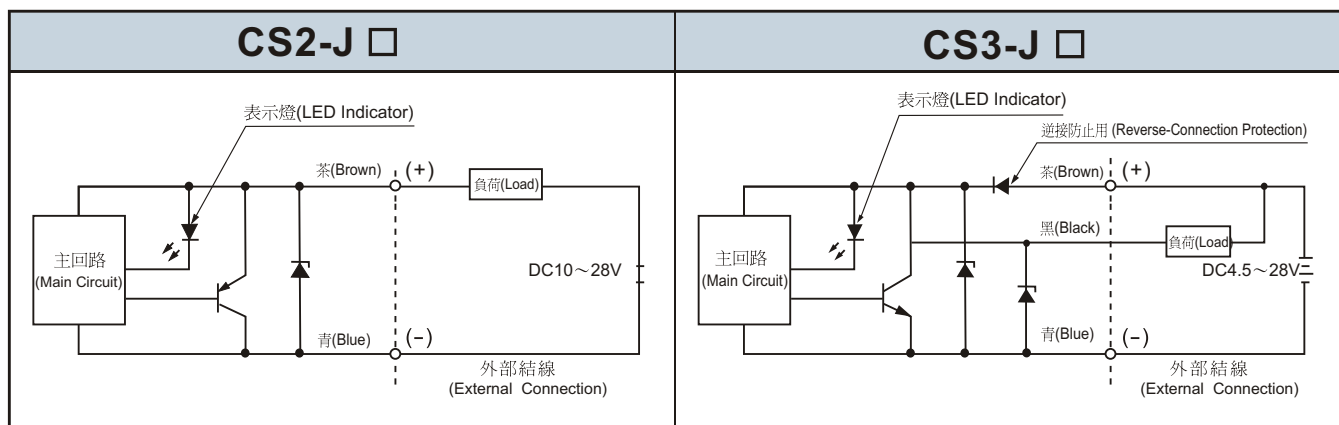
CS-S □	CS1-S □

CS2-J □ • CS3-J □ 無接點(Free Connection)

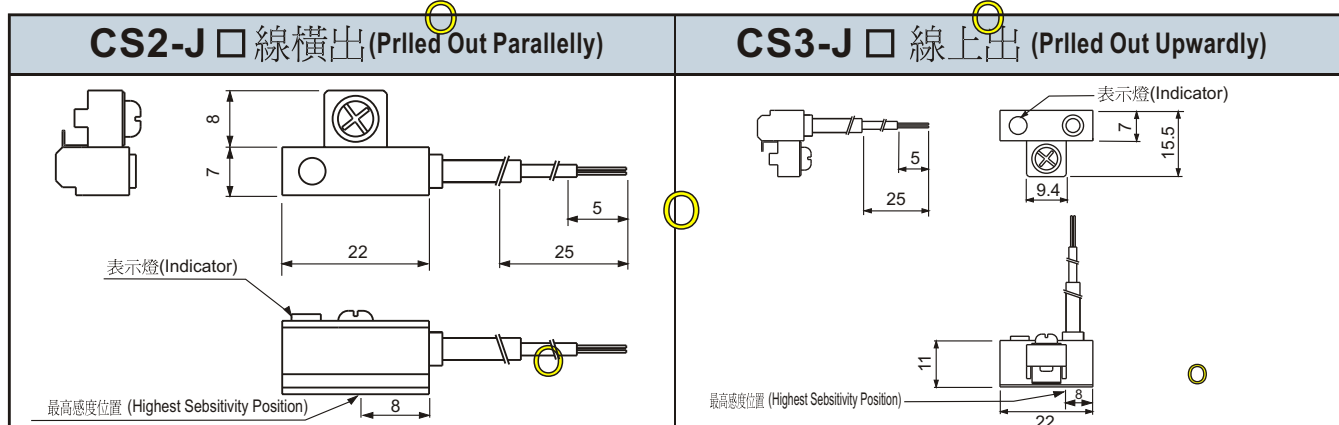
● 規格(Specifications)

項目(Item)	形式(Type)	CS2-J □	CS3-J □
配線方式(Wiring Method)		2線式(2-Wire Type)	3線式(3-Wire Type)
電源電壓(Power Voltage)		-	DC4.5~28V
負荷電壓(Load Voltage)		DC10~28V	DC4.5~28V
負荷電流(Load Ampere)		4~50mA	100mA max.
ON時消費電流(Power Consumption at ON)		-	10mA max.(DC24V)
內部降下電壓(Internal Voltage Drop)		3.5V max.	0.5V max.負荷電流50mA時 (at 50mA)
漏電流(Current Leakage)		1mA max.(DC24V)	50 μ A max.(DC24V)
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100M min. DC500V 線端末間 (Test The Joint Between The Unit And Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz) 1分鐘(One Minute)線端末間 (Test The Joint Between This Unit And Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非線返 (Non-Recipro Cating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅 (Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67 規格(EC Spec.)、JIS C0920 防浸形 (Anti-Dip Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Wights Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2芯(Cores)X 茶(Brown)、青(Blue) X	PVC 0.2SQX3芯(Cores)X 茶(Brown)、黑(Black)、青(Blue) X
使用溫度範圍(Operating Temperature)		0~60 °C	
保存溫度範圍(Storage Temperature)		-10~70 °C	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)

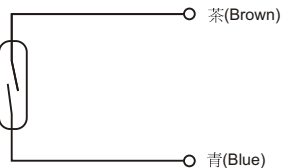
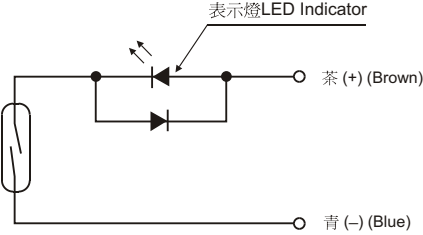


CS-J □ • CS1-J □ 有接點(With Connection)

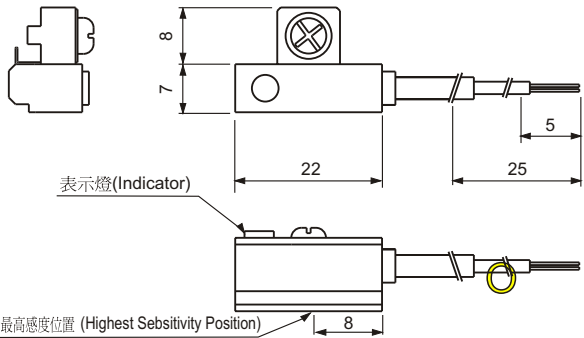
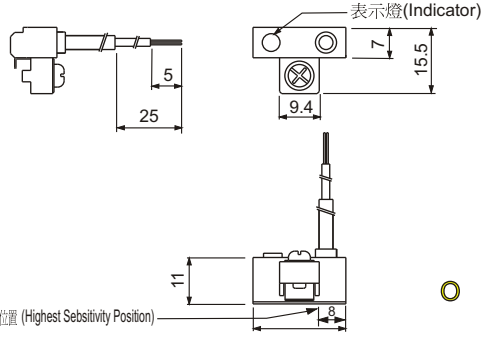
● 規格(Specifications)

項目(Item)	形式(Type)	CS-J □	CS1-J □
配線方式(Wiring Method)		2 線式(2-Wire Type)	
負荷電壓(Power Voltage)		DC3~30V, AC85~240V(r.m.s.)	DC5~30V, AC85~240V
負荷電流(Load Ampere)		DC60mA, AC40mA max.	DC40mA, AC25mA max.
內部降下電壓(Internal Voltage Drop)		0.2mV max.負荷電流40mA時(at 40mA)	2.2V max.負荷電流40mA時(at 40mA)
漏電流(Leakage Current)		0mA	
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100MΩ min.DC500V 線端末間(Test The Joint Between This Unit and Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz)1分鐘(One Mminute)線端末間(Test The Joint Between This Unit and Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非繰返(Non-Reciprocating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅(Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67規格(IEC Spec.)、JIS C0920耐水形 (Waterpro Of Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Libhts Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2 芯(Cores)X 茶(Brown)、青(Blue) X 2	
電器的壽命(Service Life)		5X10 ⁶ 回(Times) min	
使用溫度範圍(Operating Temperature)		0~60 °C	
保存溫度範圍(Storage Temperature)		-10~70 °C	
質量(Weight)		30g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)

CS-J □	CS1-J □
	

● 尺寸圖(Dimension Diagram) 單位(Unit:mm)

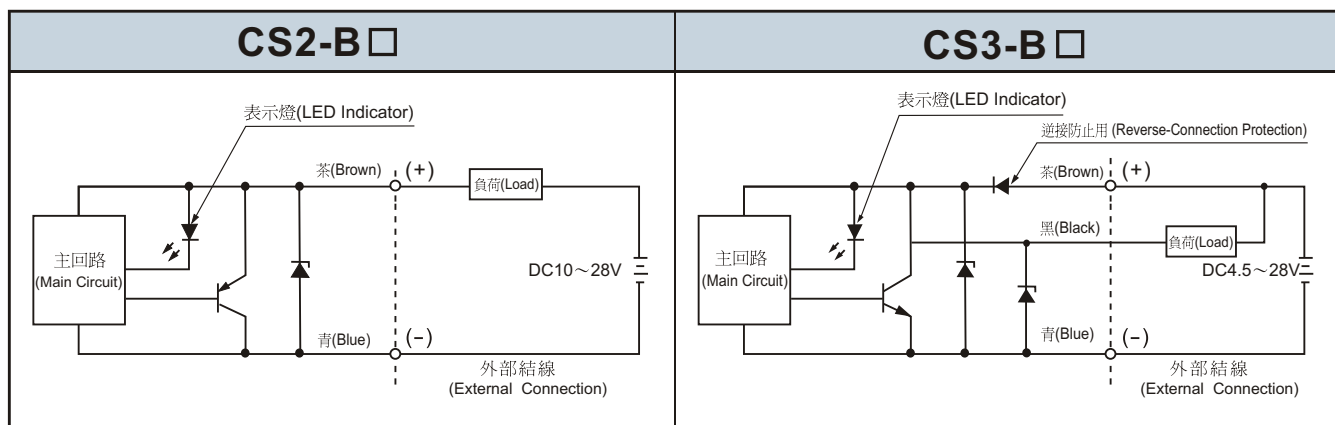
CS-J □ 線橫出 (Prilled Out Parallely)	CS1-J □ 線上出 (Prilled Out Upwardly)
	

CS2-B □ • CS3-B □ 無接點(Free Connection)

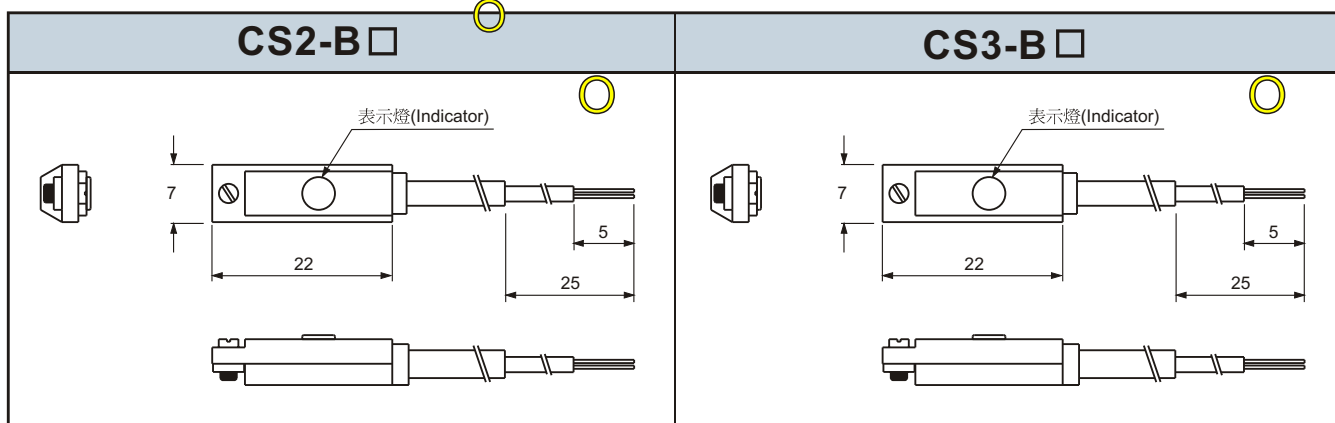
● 規格(Specifications)

項目(Item)	形式(Type)	CS2-B □	CS3-B □
配線方式(Wiring Method)		2線式(2-Wire Type)	3線式(3-Wire Type)
電源電壓(Power Voltage)		-	DC4.5~28V
負荷電壓(Load Voltage)		DC10~28V	DC4.5~28V
負荷電流(Load Ampere)		4~50mA	100mA max.
ON時消費電流(Power Consumption at ON)		-	10mA max.(DC24V)
內部降下電壓(Internal Voltage Drop)		3.5V max.	0.5V max.負荷電流50mA時 (at 50mA)
漏電流(Current Leakage)		1mA max.(DC24V)	50 μ A max.(DC24V)
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100M Ω min.DC500V 線端末間 (Test The Joint Between The Unit And Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz) 1分鐘(One Minute)線端末間 (Test TheJoint Between This Unit And Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非繰返 (Non-Recipro Cating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅 (Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67 規格(EC Spec.)、JIS C0920 防浸形 (Anti-Dip Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈 (Red LED Wights Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2芯(Cores)X 茶(Brown)、青(Blue) X ℓ	PVC 0.2SQX3芯(Cores)X 茶(Brown)、黑(Black)、青(Blue) X ℓ
使用溫度範圍(Operating Temperature)		0~60 °C	
保存溫度範圍(Storage Temperature)		-10~70 °C	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)



● 尺寸圖(Dimension Diagram) 單位(Unit:mm)



CS-B □ • CS1-B □ 有接點(With Connection)

● 規格(Specifications)

項目(Item)	形式(Type)	CS-B □	CS1-B □
配線方式(Wiring Method)		2 線式(2-Wire Type)	
負荷電壓(Power Voltage)		DC3~30V, AC85~115V(r.m.s.)	DC5~28V, AC85~115V
負荷電流(Load Ampere)		DC40mA, AC25mA max.	DC40mA, AC25mA max.
內部降下電壓(Internal Voltage Drop)		0.2mV max.負荷電流40mA時(at 40mA)	2.2V max.負荷電流40mA時(at 40mA)
漏電流(Leakage Current)		0mA	
應答時間(Response Time)		1ms max.	
絕緣抵抗(Insulation Resistance)		100M Ω min.DC500V 線端末間(Test The Joint Between This Unit and Wire End)	
絕緣耐壓(Insulation Voltage Strength)		AC500V(50/60Hz)1分鐘(One Mminute)線端末間(Test The Joint Between This Unit and Wire End)	
耐衝擊(Impact Resistance)		294.2m/s ² 30G 非繰返(Non-Reciprocating Impact)	
耐振動(Vibration Resistance)		88.3m/s ² 9G 複振幅(Double Amplitudes 1.5mm 10~55Hz.)	
保護構造(Protection Configuration)		IP67規格(IEC Spec.)、JIS C0920 耐水形(Waterpro Of Type)	
動作表示燈(Operation Indicator)		ON時赤色LED點燈(Red LED Libhts Up When at ON)	
引線(Lead Wire)		PVC 0.2SQX2 芯(Cores)X 茶(Brown)、青(Blue) X ℓ	
電器的壽命(Service Life)		5X10 ⁶ 回(Times) min	
使用溫度範圍(Operating Temperature)		0~60 °C	
保存溫度範圍(Storage Temperature)		-10~70 °C	
質量(Weight)		20g 線長(Wire length):For 1000mm場合(Occasion)	

● 內部回路(Internal Circuit)

CS-B □	CS1-B □

● 尺寸圖(Dimension Diagram) 單位(Unit:mm)

CS-B □	CS1-B □