

感應範圍
5 mm

近接開關

- 短路保護
- 銅鎳合金外殼
附M18x1mm固定螺帽
- 工業保護等級IP67
- 齊平式安裝

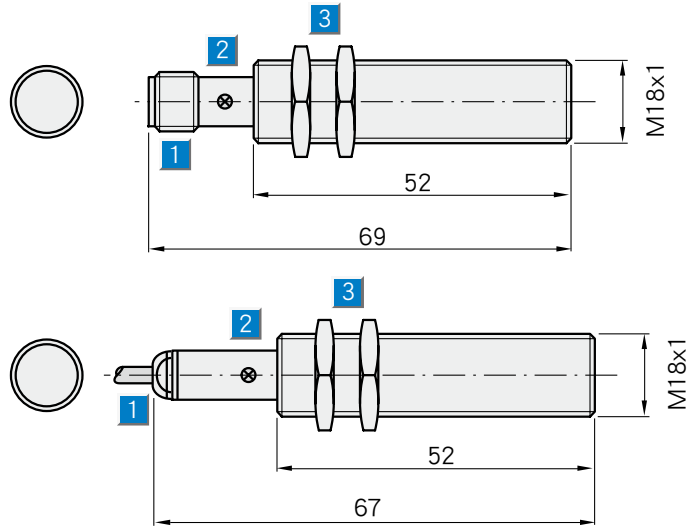


選購配件

M12,4-pin插頭

支架

尺寸圖



- 1 接線座
- 2 LED 指示燈
- 3 2只金屬固定螺帽 (24mm)

接線圖

IME18-05BNOZC0S

IME18-05BNOZW2S

IME18-05BNSZC0S

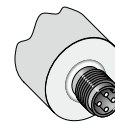
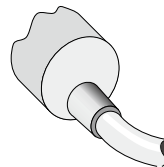
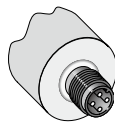
IME18-05BPOZC0S

IME18-05BNSZW2S

IME18-05BPSZC0S

IME18-05BPOZW2S

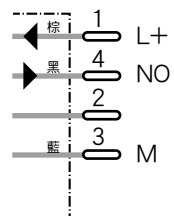
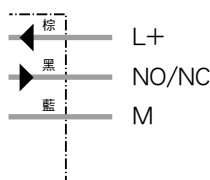
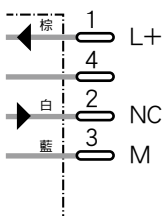
IME18-05BPSZW2S



M12,4-pin

3x0.25mm²

M12,4-pin



| 技術資料 | | IME18- | | 05BNO ZC0S | 05BNO ZW2S | 05BNS ZC0S | 05BNS ZW2S | 05BPO ZC0S | 05BPO ZW2S | 05BPS ZC0S | 05BPS ZW2S | | |
|------------------------|---|--------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| 感應範圍 S_n | 5mm | | | | | | | | | | | | |
| 電氣型式 | DC 3線式 | | | | | | | | | | | | |
| 供電電壓 V_S | DC 10...30V | | | | | | | | | | | | |
| 漣波值 V_{PP} | $\leq 10\%$ | | | | | | | | | | | | |
| 電壓降 U_d | $\leq 2V$ ¹⁾ | | | | | | | | | | | | |
| 耗電量 (無負載) | $\leq 10mA$ ²⁾ | | | | | | | | | | | | |
| 持續電流 I_a | $\leq 200mA$ | | | | | | | | | | | | |
| 電源開啟延遲時間 t_v | $\leq 100ms$ | | | | | | | | | | | | |
| 遲滯時間 H_r of S_r | 5...15% | | | | | | | | | | | | |
| 動作重覆性 R | $\leq 2\%(U_b, T_a \text{ 常數})$ ³⁾ | | | | | | | | | | | | |
| 溫度漂移 Δ of S_r | $\pm 10\%$ | | | | | | | | | | | | |
| 電磁防干擾標準 EMC | 根據EN60947-5-2 | | | | | | | | | | | | |
| 開關輸出 | NPN | | | | | | | | | | | | |
| | PNP | | | | | | | | | | | | |
| 輸出 | 常閉 | | | | | | | | | | | | |
| | 常開 | | | | | | | | | | | | |
| 安裝方式 | 齊平式 | | | | | | | | | | | | |
| 接線方式 | M12,4-pin插座 | | | | | | | | | | | | |
| | 2m電纜線, PVC | | | | | | | | | | | | |
| 工業保護等級 | IP67 ⁴⁾ | | | | | | | | | | | | |
| 最大開關頻率 | 1000Hz | | | | | | | | | | | | |
| 尺寸 | M18x1 ⁵⁾ | | | | | | | | | | | | |
| 短路保護 | ✓ ⁶⁾ | | | | | | | | | | | | |
| 極性相反保護 | ✓ | | | | | | | | | | | | |
| 電源開啟突波抑制 | ✓ | | | | | | | | | | | | |
| 衝擊、震動及耐壓程度 | 30g, 11ms/10...55Hz, 1mm | | | | | | | | | | | | |
| 工作環境溫度 T_A | -25°C...+75°C | | | | | | | | | | | | |
| 外殼材質 | 銅鎳合金、塑膠 | | | | | | | | | | | | |
| 旋緊扭力 | 40Nm | | | | | | | | | | | | |

1) I_a 最大值3) of s_r = 實際感測範圍

5) 螺紋直徑 x 間距 (mm)

2) 無負載

4) 依據 EN 60529

6) 脈衝式

衰減值 R_M

以下為參考值，會因型號不同而異

| | |
|-----------|--------|
| St37 (鋼) | 1 |
| 不銹鋼 (V2A) | 約 0.8 |
| 鋁 (實心) | 約 0.45 |
| 銅 (Cu) | 約 0.4 |

產品資訊

| 產品型號 | 訂貨代號 |
|-----------------|-----------|
| IME18-05BNOZC0S | 1 040 946 |
| IME18-05BNOZW2S | 1 040 948 |
| IME18-05BNSZC0S | 1 040 942 |
| IME18-05BNSZW2S | 1 040 944 |
| IME18-05BPOZC0S | 1 040 938 |
| IME18-05BPOZW2S | 1 040 940 |
| IME18-05BPSZC0S | 1 040 934 |
| IME18-05BPSZW2S | 1 040 936 |

感應範圍
8 mm

近接開關

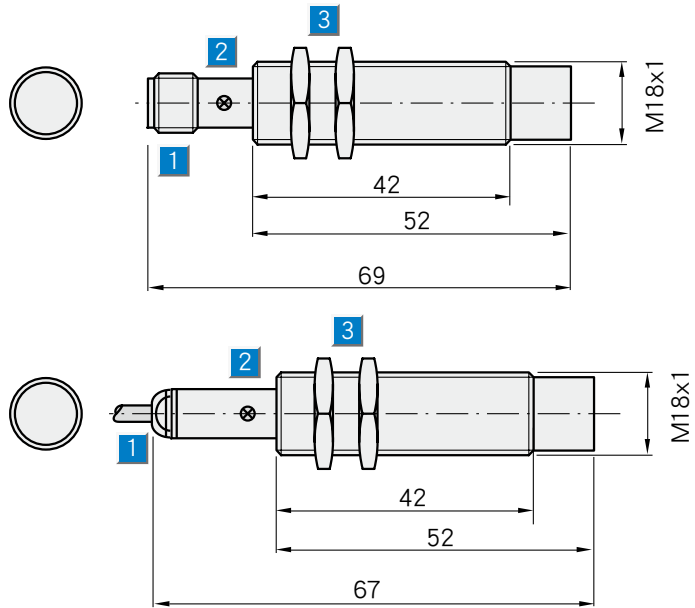
- 短路保護
- 銅鎳合金外殼
附M18x1mm固定螺帽
- 工業保護等級IP67
- 非齊平式安裝



Industrial Sensor

選購配件
M12,4-pin插頭
支架

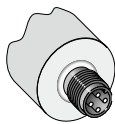
尺寸圖



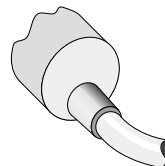
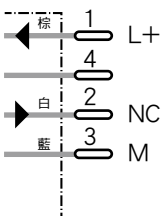
- 1 接線座
- 2 LED 指示燈
- 3 2只金屬固定螺帽 (24mm)

接線圖

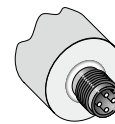
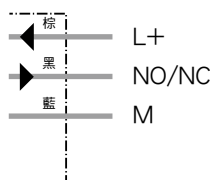
| | | |
|-----------------|-----------------|-----------------|
| IME18-08NNOZC0S | IME18-08NNOZW2S | IME18-08NNSZC0S |
| IME18-08NPOZC0S | IME18-08NNSZW2S | IME18-08NPSZC0S |
| | IME18-08NPOZW2S | |
| | IME18-08NPSZW2S | |



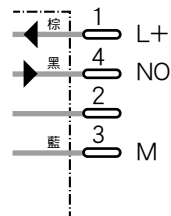
M12,4-pin



3x0.25mm²



M12,4-pin



| 技術資料 | | IME18- | | 08NNO ZC0S | 08NNO ZW2S | 08NNS ZC0S | 08NNS ZW2 | 08NPO ZC0S | 08NPO ZW2S | 08NPS ZC0S | 08NPS ZW2S | | |
|------------------------|--|--------|--|---------------|---------------|---------------|--------------|---------------|---------------|---------------|---------------|--|--|
| 感應範圍 S_n | 8mm | | | | | | | | | | | | |
| 電氣型式 | DC 3線式 | | | | | | | | | | | | |
| 供電電壓 V_S | DC 10...30V | | | | | | | | | | | | |
| 漣波值 V_{PP} | $\leq 10\%$ | | | | | | | | | | | | |
| 電壓降 U_d | $\leq 2V$ ¹⁾ | | | | | | | | | | | | |
| 耗電量 (無負載) | $\leq 10mA$ ²⁾ | | | | | | | | | | | | |
| 持續電流 I_a | $\leq 200mA$ | | | | | | | | | | | | |
| 電源開啟延遲時間 t_v | $\leq 100ms$ | | | | | | | | | | | | |
| 遲滯時間 H_r of S_r | 5...15% | | | | | | | | | | | | |
| 動作重覆性 R | $\leq 2\%(U_b, T_a \text{常數})$ ³⁾ | | | | | | | | | | | | |
| 溫度漂移 δ of S_r | $\pm 10\%$ | | | | | | | | | | | | |
| 電磁防干擾標準 EMC | 根據EN60947-5-2 | | | | | | | | | | | | |
| 開關輸出 | NPN | | | | | | | | | | | | |
| | PNP | | | | | | | | | | | | |
| 輸出 | 常閉 | | | | | | | | | | | | |
| | 常開 | | | | | | | | | | | | |
| 安裝方式 | 非齊平式 | | | | | | | | | | | | |
| 接線方式 | M12,4-pin插座 | | | | | | | | | | | | |
| | 2m電纜線, PVC | | | | | | | | | | | | |
| 工業保護等級 | IP67 ⁴⁾ | | | | | | | | | | | | |
| 最大開關頻率 | 1000Hz | | | | | | | | | | | | |
| 尺寸 | M18x1 ⁵⁾ | | | | | | | | | | | | |
| 短路保護 | ✓ ⁶⁾ | | | | | | | | | | | | |
| 極性相反保護 | ✓ | | | | | | | | | | | | |
| 電源開啟突波抑制 | ✓ | | | | | | | | | | | | |
| 衝擊、震動及耐壓程度 | 30g, 11ms/10...55Hz, 1mm | | | | | | | | | | | | |
| 工作環境溫度 T_A | -25°C...+75°C | | | | | | | | | | | | |
| 外殼材質 | 銅鎳合金、塑膠 | | | | | | | | | | | | |
| 旋緊扭力 | 40Nm | | | | | | | | | | | | |

1) I_a 最大值3) of s_r = 實際感測範圍

5) 螺紋直徑 x 間距 (mm)

2) 無負載

4) 依據 EN 60529

6) 脈衝式

衰減值 R_M

以下為參考值，會因型號不同而異

| | |
|-----------|--------|
| St37 (鋼) | 1 |
| 不銹鋼 (V2A) | 約 0.8 |
| 鋁 (實心) | 約 0.45 |
| 銅 (Cu) | 約 0.4 |

產品資訊

| 產品型號 | 訂貨代號 |
|-----------------|-----------|
| IME18-08NNOZC0S | 1 040 962 |
| IME18-08NNOZW2S | 1 040 964 |
| IME18-08NNSZC0S | 1 040 958 |
| IME18-08NNSZW2S | 1 040 960 |
| IME18-08NPOZC0S | 1 040 954 |
| IME18-08NPOZW2S | 1 040 956 |
| IME18-08NPSZC0S | 1 040 950 |
| IME18-08NPSZW2S | 1 040 952 |

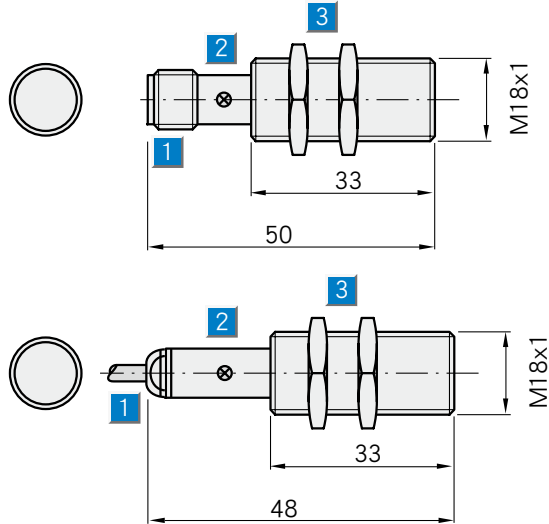
感應範圍
5 mm

近接開關

- 短路保護
- 銅鎳合金外殼
附 M18x1mm固定螺帽
- 工業保護等級IP67
- 齊平式安裝



尺寸圖



- 1 接線座
- 2 LED 指示燈
- 3 2只金屬固定螺帽 (24mm)



Industrial Sensor

選購配件

M12,4-pin插頭

支架

接線圖

IME18-05BNOZC0K

IME18-05BNOZW2K

IME18-05BNSZC0K

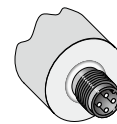
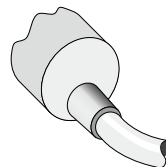
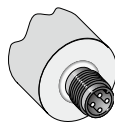
IME18-05BPOZC0K

IME18-05BNSZW2K

IME18-05BPSZC0K

IME18-05BPOZW2K

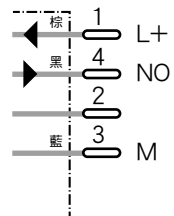
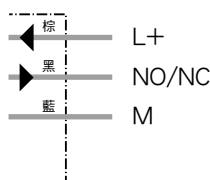
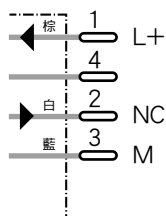
IME18-05BPSZW2K



M12,4-pin

3x0.25mm²

M12,4-pin



| 技術資料 | | IME18- | | 05BNO ZC0K | 05BNO ZW2K | 05BNS ZC0K | 05BNS ZW2K | 05BPO ZC0K | 05BPO ZW2K | 05BPS ZC0K | 05BPS ZW2K | | |
|---------------------|--|--------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| 感應範圍 S_n | 5mm | | | | | | | | | | | | |
| 電氣型式 | DC 3線式 | | | | | | | | | | | | |
| 供電電壓 V_S | DC 10...30V | | | | | | | | | | | | |
| 漣波值 V_{PP} | $\leq 10\%$ | | | | | | | | | | | | |
| 電壓降 U_d | $\leq 2V$ ¹⁾ | | | | | | | | | | | | |
| 耗電量 (無負載) | $\leq 10mA$ ²⁾ | | | | | | | | | | | | |
| 持續電流 I_a | $\leq 200mA$ | | | | | | | | | | | | |
| 電源開啟延遲時間 t_v | $\leq 100ms$ | | | | | | | | | | | | |
| 遲滯時間 H , of S_r | 5...15% | | | | | | | | | | | | |
| 動作重覆性 R | $\leq 2\%(U_b, T_a \text{常數})$ ³⁾ | | | | | | | | | | | | |
| 溫度漂移, of S_r | $\pm 10\%$ | | | | | | | | | | | | |
| 電磁防干擾標準 EMC | 根據EN60947-5-2 | | | | | | | | | | | | |
| 開關輸出 | NPN | | | | | | | | | | | | |
| | PNP | | | | | | | | | | | | |
| 輸出 | 常閉 | | | | | | | | | | | | |
| | 常開 | | | | | | | | | | | | |
| 安裝方式 | 齊平式 | | | | | | | | | | | | |
| 接線方式 | M12,4-pin插座 | | | | | | | | | | | | |
| | 2m電纜線, PVC | | | | | | | | | | | | |
| 工業保護等級 | IP67 ⁴⁾ | | | | | | | | | | | | |
| 最大開關頻率 | 1000Hz | | | | | | | | | | | | |
| 尺寸 | M18x1 ⁵⁾ | | | | | | | | | | | | |
| 短路保護 | ✓ ⁶⁾ | | | | | | | | | | | | |
| 極性相反保護 | ✓ | | | | | | | | | | | | |
| 電源開啟突波抑制 | ✓ | | | | | | | | | | | | |
| 衝擊、震動及耐壓程度 | 30g, 11ms/10...55Hz, 1mm | | | | | | | | | | | | |
| 工作環境溫度 T_A | -25°C...+75°C | | | | | | | | | | | | |
| 外殼材質 | 銅鎳合金、塑膠 | | | | | | | | | | | | |
| 旋緊扭力 | 40Nm | | | | | | | | | | | | |

1) I_a 最大值3) of s_r = 實際感測範圍

5) 螺紋直徑 x 間距 (mm)

2) 無負載

4) 依據 EN 60529

6) 脈衝式

衰減值 R_M

以下為參考值，會因型號不同而異

| | |
|-----------|--------|
| St37 (鋼) | 1 |
| 不銹鋼 (V2A) | 約 0.8 |
| 鋁 (實心) | 約 0.45 |
| 銅 (Cu) | 約 0.4 |

產品資訊

| 產品型號 | 訂貨代號 |
|-----------------|-----------|
| IME18-05BNOZC0K | 1 040 945 |
| IME18-05BNOZW2K | 1 040 947 |
| IME18-05BNSZC0K | 1 040 941 |
| IME18-05BNSZW2K | 1 040 943 |
| IME18-05BPOZC0K | 1 040 937 |
| IME18-05BPOZW2K | 1 040 939 |
| IME18-05BPSZC0K | 1 040 933 |
| IME18-05BPSZW2K | 1 040 935 |

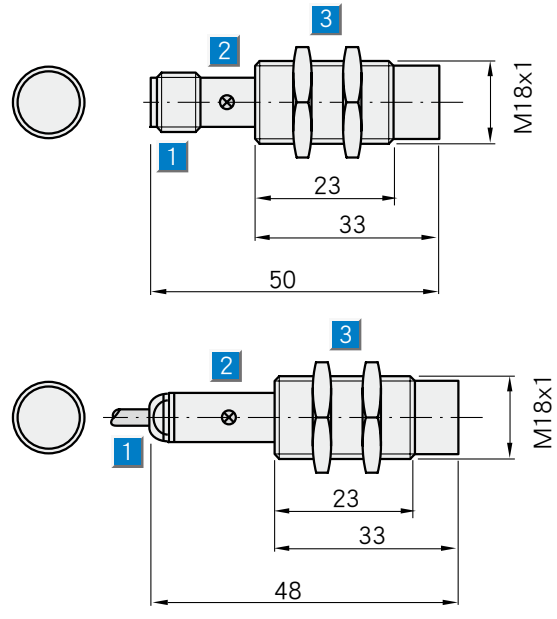
感應範圍
8 mm

近接開關

- 短路保護
- 銅鎳合金外殼
附 M18x1mm固定螺帽
- 工業保護等級IP67
- 齊平式安裝



尺寸圖



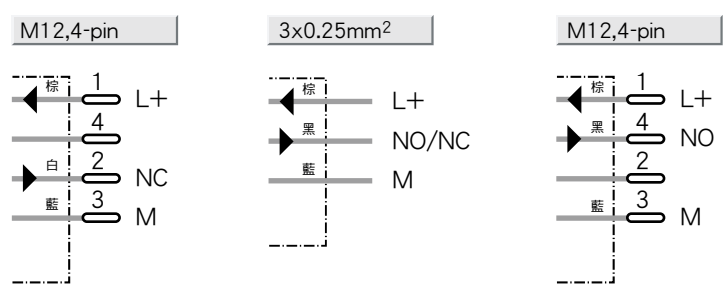
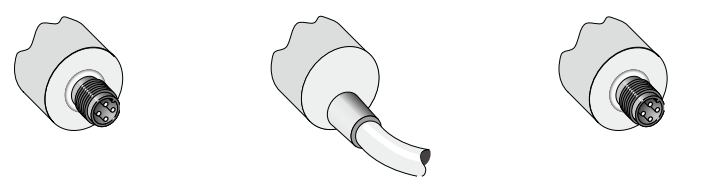
- 1 接線座
- 2 LED 指示燈
- 3 2只金屬固定螺帽 (24mm)



Industrial Sensor

接線圖

| | | |
|-----------------|------------------|-----------------|
| IME18-08NNOZC0K | IME18-08NNOZW2K | IME18-08NNSZC0K |
| IME18-08NPOZC0K | IME18-08NNSZW2K | IME18-08NPSZC0K |
| | IME18-08NPOSZW2K | |
| | IME18-08NPSZW2K | |



選購配件
M12,4-pin插頭
支架

| 技術資料 | | IME18- | | 08NNO ZC0K | 08NNO ZW2K | 08NNS ZC0K | 08NNS ZW2K | 08NPO ZC0K | 08NPO ZW2K | 08NPS ZC0K | 08NPS ZW2K | | |
|---------------------|--|--------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| 感應範圍 S_n | 8mm | | | | | | | | | | | | |
| 電氣型式 | DC 3線式 | | | | | | | | | | | | |
| 供電電壓 V_S | DC 10...30V | | | | | | | | | | | | |
| 漣波值 V_{PP} | $\leq 10\%$ | | | | | | | | | | | | |
| 電壓降 U_d | $\leq 2V$ ¹⁾ | | | | | | | | | | | | |
| 耗電量 (無負載) | $\leq 10mA$ ²⁾ | | | | | | | | | | | | |
| 持續電流 I_a | $\leq 200mA$ | | | | | | | | | | | | |
| 電源開啟延遲時間 t_v | $\leq 100ms$ | | | | | | | | | | | | |
| 遲滯時間 H , of S_r | 5...15% | | | | | | | | | | | | |
| 動作重覆性 R | $\leq 2\%(U_b, T_a \text{常數})$ ³⁾ | | | | | | | | | | | | |
| 溫度漂移, of S_r | $\pm 10\%$ | | | | | | | | | | | | |
| 電磁防干擾標準 EMC | EN60947-5-2 | | | | | | | | | | | | |
| 開關輸出 | NPN | | | | | | | | | | | | |
| | PNP | | | | | | | | | | | | |
| 輸出 | 常閉 | | | | | | | | | | | | |
| | 常開 | | | | | | | | | | | | |
| 安裝方式 | 非齊平式 | | | | | | | | | | | | |
| 接線方式 | M12,4-pin插座 | | | | | | | | | | | | |
| | 2m電纜線, PVC | | | | | | | | | | | | |
| 工業保護等級 | IP67 ⁴⁾ | | | | | | | | | | | | |
| 最大開關頻率 | 1000Hz | | | | | | | | | | | | |
| 尺寸 | M18x1 ⁵⁾ | | | | | | | | | | | | |
| 短路保護 | ✓ ⁶⁾ | | | | | | | | | | | | |
| 極性相反保護 | ✓ | | | | | | | | | | | | |
| 電源開啟突波抑制 | ✓ | | | | | | | | | | | | |
| 衝擊、震動及耐壓程度 | 30g, 11ms/10...55Hz, 1mm | | | | | | | | | | | | |
| 工作環境溫度 T_A | -25°C...+75°C | | | | | | | | | | | | |
| 外殼材質 | 銅鎳合金、塑膠 | | | | | | | | | | | | |
| 旋緊扭力 | 40Nm | | | | | | | | | | | | |

1) I_a 最大值3) of s_r = 實際感測範圍

5) 螺紋直徑 x 間距 (mm)

2) 無負載

4) 依據 EN 60529

6) 脈衝式

衰減值 R_M

以下為參考值，會因型號不同而異

| | |
|-----------|--------|
| St37 (鋼) | 1 |
| 不銹鋼 (V2A) | 約 0.8 |
| 鋁 (實心) | 約 0.45 |
| 銅 (Cu) | 約 0.4 |

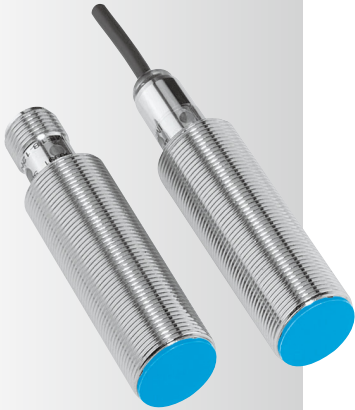
產品資訊

| 產品型號 | 訂貨代號 |
|-----------------|-----------|
| IME18-08NNOZC0K | 1 040 961 |
| IME18-08NNOZW2K | 1 040 963 |
| IME18-08NNSZC0K | 1 040 957 |
| IME18-08NNSZW2K | 1 040 959 |
| IME18-08NPOZC0K | 1 040 953 |
| IME18-08NPOZW2K | 1 040 955 |
| IME18-08NPSZC0K | 1 040 949 |
| IME18-08NPSZW2K | 1 040 951 |

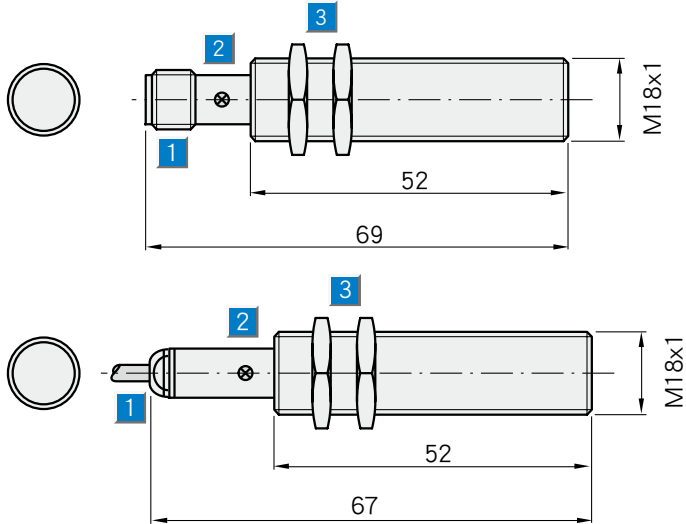
感應範圍
8 mm

近接開關

- 加長感應範圍
- 短路保護
- 銅鎳合金外殼
附 M18x1mm固定螺帽
- 工業保護等級IP67
- 齊平式安裝



尺寸圖



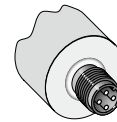
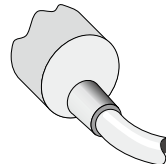
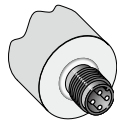
- 1 接線座
- 2 LED 指示燈
- 3 2只金屬固定螺帽 (24mm)



Industrial Sensor

接線圖

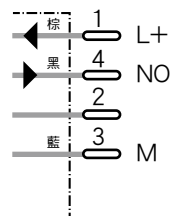
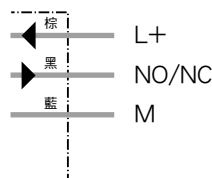
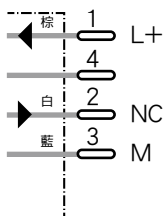
| | | |
|-----------------|-----------------|-----------------|
| IME18-08BNOZC0S | IME18-08BNOZW2S | IME18-08BNSZC0S |
| IME18-08BPOZC0S | IME18-08BNSZW2S | IME18-08BPSZC0S |
| | IME18-08BPOZW2S | |
| | IME18-08BPSZW2S | |



M12,4-pin

3x0.25mm²

M12,4-pin



選購配件

M12,4-pin插頭

支架

| 技術資料 | IME18- | 08BNO | 08BNO | 08BNS | 08BNS | 08BPO | 08BPO | 08BPS | 08BPS | | |
|---------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| | | ZC0S | ZW2S | ZC0S | ZW2S | ZC0S | ZW2S | ZC0S | ZW2S | | |
| 感應範圍 S_n | 8mm | | | | | | | | | | |
| 電氣型式 | DC 3線式 | | | | | | | | | | |
| 供電電壓 V_S | DC 10...30V | | | | | | | | | | |
| 漣波值 V_{PP} | $\leq 10\%$ | | | | | | | | | | |
| 電壓降 U_d | $\leq 2V$ ¹⁾ | | | | | | | | | | |
| 耗電量 (無負載) | $\leq 10mA$ ²⁾ | | | | | | | | | | |
| 持續電流 I_a | $\leq 200mA$ | | | | | | | | | | |
| 電源開啟延遲時間 t_v | $\leq 100ms$ | | | | | | | | | | |
| 遲滯時間 H_r of S_r | 5...15% | | | | | | | | | | |
| 動作重覆性 R | $\leq 2\%(U_b, T_a \text{ 常數})$ ³⁾ | | | | | | | | | | |
| 溫度漂移, of S_r | $\pm 10\%$ | | | | | | | | | | |
| 電磁防干擾標準 EMC | 根據 EN60947-5-2 | | | | | | | | | | |
| 開關輸出 | NPN | | | | | | | | | | |
| | PNP | | | | | | | | | | |
| 輸出 | 常閉 | | | | | | | | | | |
| | 常開 | | | | | | | | | | |
| 安裝方式 | 齊平式 | | | | | | | | | | |
| 接線方式 | M12,4-pin 插座 | | | | | | | | | | |
| | 2m 電纜線, PVC | | | | | | | | | | |
| 工業保護等級 | IP67 ⁴⁾ | | | | | | | | | | |
| 最大開關頻率 | 1000Hz | | | | | | | | | | |
| 尺寸 | M18x1 ⁵⁾ | | | | | | | | | | |
| 短路保護 | ✓ ⁶⁾ | | | | | | | | | | |
| 極性相反保護 | ✓ | | | | | | | | | | |
| 電源開啟突波抑制 | ✓ | | | | | | | | | | |
| 衝擊、震動及耐壓程度 | 30g, 11ms/10...55Hz, 1mm | | | | | | | | | | |
| 工作環境溫度 T_A | -25°C...+75°C | | | | | | | | | | |
| 外殼材質 | 銅鎳合金、塑膠 | | | | | | | | | | |
| 旋緊扭力 | 40Nm | | | | | | | | | | |

1) I_a 最大值3) of s_r = 實際感測範圍

5) 螺紋直徑 x 間距 (mm)

2) 無負載

4) 依據 EN 60529

6) 脈衝式

衰減值 R_M

以下為參考值，會因型號不同而異

| | |
|-----------|--------|
| St37 (鋼) | 1 |
| 不銹鋼 (V2A) | 約 0.8 |
| 鋁 (實心) | 約 0.45 |
| 銅 (Cu) | 約 0.4 |

產品資訊

| 產品型號 | 訂貨代號 |
|-----------------|-----------|
| IME18-08BNOZC0S | 1 040 978 |
| IME18-08BNOZW2S | 1 040 980 |
| IME18-08BNSZC0S | 1 040 974 |
| IME18-08BNSZW2S | 1 040 976 |
| IME18-08BPOZC0S | 1 040 970 |
| IME18-08BPOZW2S | 1 040 972 |
| IME18-08BPSZC0S | 1 040 966 |
| IME18-08BPSZW2S | 1 040 968 |

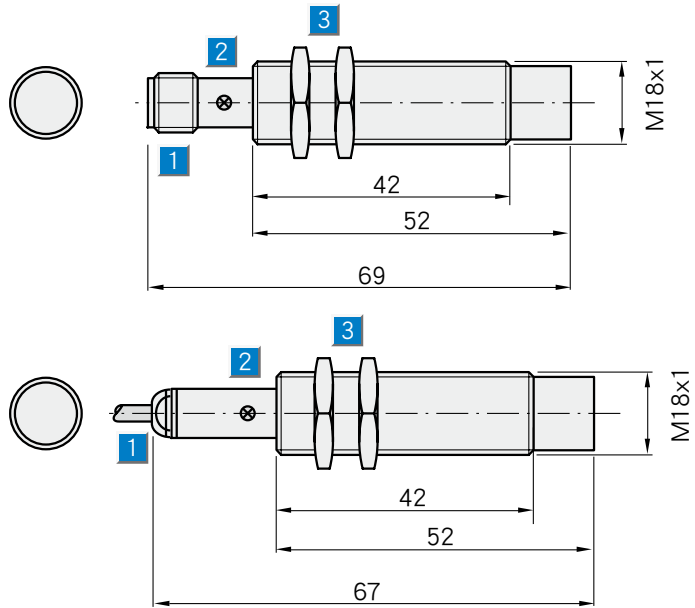
 感應範圍
12 mm

近接開關

- 加長感應範圍
- 短路保護
- 銅鎳合金外殼
附 M18x1mm固定螺帽
- 工業保護等級IP67
- 齊平式安裝



尺寸圖

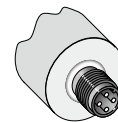
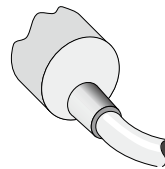
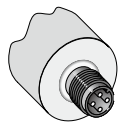


- 1 接線座
- 2 LED 指示燈
- 3 2只金屬固定螺帽 (24mm)



接線圖

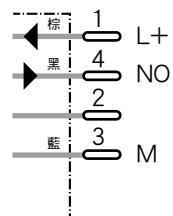
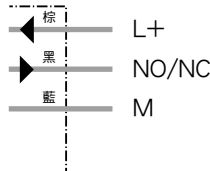
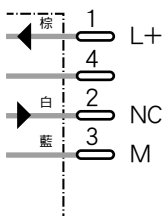
| | | |
|-----------------|-----------------|-----------------|
| IME18-12NNOZC0S | IME18-12NNOZW2S | IME18-12NNSZC0S |
| IME18-12NPOZC0S | IME18-12NNSZW2S | IME18-12NPSZC0S |
| | IME18-12NPOZW2S | |
| | IME18-12NPSZW2S | |



M12,4-pin

3x0.25mm²

M12,4-pin



選購配件
M12,4-pin插頭
支架

| 技術資料 | | IME18- | | 12NNO ZC0S | 12NNO ZW2S | 12NNS ZC0S | 12NNS ZW2S | 12NPO ZC0S | 12NPO ZW2S | 12NPS ZC0S | 12NPS ZW2S | | |
|---------------------|--|--------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| 感應範圍 S_n | 12mm | | | | | | | | | | | | |
| 電氣型式 | DC 3線式 | | | | | | | | | | | | |
| 供電電壓 V_S | DC 10...30V | | | | | | | | | | | | |
| 漣波值 V_{PP} | $\leq 10\%$ | | | | | | | | | | | | |
| 電壓降 U_d | $\leq 2V$ ¹⁾ | | | | | | | | | | | | |
| 耗電量 (無負載) | $\leq 10mA$ ²⁾ | | | | | | | | | | | | |
| 持續電流 I_a | $\leq 200mA$ | | | | | | | | | | | | |
| 電源開啟延遲時間 t_v | $\leq 100ms$ | | | | | | | | | | | | |
| 遲滯時間 H , of S_r | 5...15% | | | | | | | | | | | | |
| 動作重覆性 R | $\leq 2\%(U_b, T_a \text{常數})$ ³⁾ | | | | | | | | | | | | |
| 溫度漂移, of S_r | $\pm 10\%$ | | | | | | | | | | | | |
| 電磁防干擾標準 EMC | 根據EN60947-5-2 | | | | | | | | | | | | |
| 開關輸出 | NPN | | | | | | | | | | | | |
| | PNP | | | | | | | | | | | | |
| 輸出 | 常閉 | | | | | | | | | | | | |
| | 常開 | | | | | | | | | | | | |
| 安裝方式 | 非齊平式 | | | | | | | | | | | | |
| 接線方式 | M12,4-pin插座 | | | | | | | | | | | | |
| | 2m電纜線, PVC | | | | | | | | | | | | |
| 工業保護等級 | IP67 ⁴⁾ | | | | | | | | | | | | |
| 最大開關頻率 | 1000Hz | | | | | | | | | | | | |
| 尺寸 | M18x1 ⁵⁾ | | | | | | | | | | | | |
| 短路保護 | ✓ ⁶⁾ | | | | | | | | | | | | |
| 極性相反保護 | ✓ | | | | | | | | | | | | |
| 電源開啟突波抑制 | ✓ | | | | | | | | | | | | |
| 衝擊、震動及耐壓程度 | 30g, 11ms/10...55Hz, 1mm | | | | | | | | | | | | |
| 工作環境溫度 T_A | -25°C...+75°C | | | | | | | | | | | | |
| 外殼材質 | 銅鎳合金、塑膠 | | | | | | | | | | | | |
| 旋緊扭力 | 40Nm | | | | | | | | | | | | |

1) I_a 最大值3) of s_r = 實際感測範圍

2) 無負載

4) 依據 EN 60529

衰減值 R_M

以下為參考值，會因型號不同而異

| | |
|-----------|--------|
| St37 (鋼) | 1 |
| 不銹鋼 (V2A) | 約 0.8 |
| 鋁 (實心) | 約 0.45 |
| 銅 (Cu) | 約 0.4 |

產品資訊

| 產品型號 | 訂貨代號 |
|-----------------|-----------|
| IME18-12NNOZC0S | 1 040 994 |
| IME18-12NNOZW2S | 1 040 996 |
| IME18-12NNSZC0S | 1 040 990 |
| IME18-12NNSZW2S | 1 040 992 |
| IME18-12NPOZC0S | 1 040 986 |
| IME18-12NPOZW2S | 1 040 988 |
| IME18-12NPSZC0S | 1 040 982 |
| IME18-12NPSZW2S | 1 040 984 |

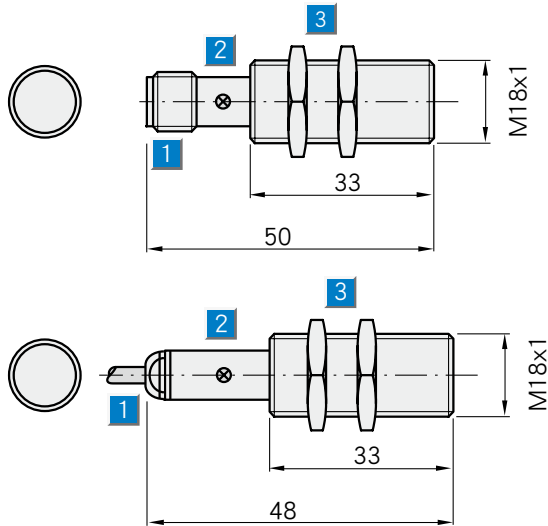
感應範圍
8 mm

近接開關

- 加長感應範圍
- 短路保護
- 銅鎳合金外殼
附 M18x1mm固定螺帽
- 工業保護等級IP67
- 齊平式安裝



尺寸圖



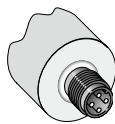
- 1 接線座
- 2 LED 指示燈
- 3 2只金屬固定螺帽 (24mm)



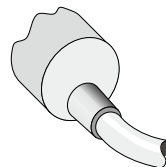
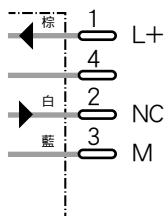
Industrial Sensor

接線圖

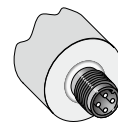
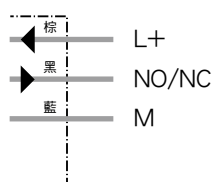
| | | |
|-----------------|-----------------|-----------------|
| IME18-08BNOZC0K | IME18-08BNOZW2K | IME18-08BNSZC0K |
| IME18-08BPOZC0K | IME18-08BNSZW2K | IME18-08BPSZC0K |
| | IME18-08BPOZW2K | |
| | IME18-08BPSZW2K | |



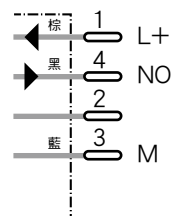
M12,4-pin



3x0.25mm²



M12,4-pin



選購配件

M12,4-pin插頭

支架

| 技術資料 | | IME18- | 08BNO ZC0K | 08BNO ZW2K | 08BNS ZC0K | 08BNS ZW2K | 08BPO ZC0K | 08BPO ZW2K | 08BPO ZC0K | 08BPS ZW2K | | |
|---------------------|---|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| 感應範圍 S_n | 8mm | | | | | | | | | | | |
| 電氣型式 | DC 3線式 | | | | | | | | | | | |
| 供電電壓 V_S | DC 10...30V | | | | | | | | | | | |
| 漣波值 V_{PP} | $\leq 10\%$ | | | | | | | | | | | |
| 電壓降 V_d | $\leq 2V$ ¹⁾ | | | | | | | | | | | |
| 耗電量 (無負載) | $\leq 10mA$ ²⁾ | | | | | | | | | | | |
| 持續電流 I_a | $\leq 200mA$ | | | | | | | | | | | |
| 電源開啟延遲時間 t_v | $\leq 100ms$ | | | | | | | | | | | |
| 遲滯時間 H , of S_r | 5...15% | | | | | | | | | | | |
| 動作重覆性 R | $\leq 2\%(U_b, T_a \text{ 常數})$ ³⁾ | | | | | | | | | | | |
| 溫度漂移, of S_r | $\pm 10\%$ | | | | | | | | | | | |
| 電磁防干擾標準 EMC | EN60947-5-2 | | | | | | | | | | | |
| 開關輸出 | NPN | | | | | | | | | | | |
| | PNP | | | | | | | | | | | |
| 輸出 | 常閉 | | | | | | | | | | | |
| | 常開 | | | | | | | | | | | |
| 安裝方式 | 齊平式 | | | | | | | | | | | |
| 接線方式 | M12,4-pin 插座 | | | | | | | | | | | |
| | 2m 電纜線, PVC | | | | | | | | | | | |
| 工業保護等級 | IP67 ⁴⁾ | | | | | | | | | | | |
| 最大開關頻率 | 300Hz | | | | | | | | | | | |
| 尺寸 | M18x1 ⁵⁾ | | | | | | | | | | | |
| 短路保護 | ✓ ⁶⁾ | | | | | | | | | | | |
| 極性相反保護 | ✓ | | | | | | | | | | | |
| 電源開啟突波抑制 | ✓ | | | | | | | | | | | |
| 衝擊、震動及耐壓程度 | 30g, 11ms/10...55Hz, 1mm | | | | | | | | | | | |
| 工作環境溫度 T_A | -20°C...+65°C | | | | | | | | | | | |
| 外殼材質 | 銅鎳合金、塑膠 | | | | | | | | | | | |
| 旋緊扭力 | 40Nm | | | | | | | | | | | |

1) I_a 最大值

2) 無負載

3) of s_r = 實際感測範圍

4) 依據 EN 60529

5) 螺紋直徑 x 間距 (mm)

6) 脈衝式

衰減值 R_M

以下為參考值，會因型號不同而異

| | |
|-----------|--------|
| St37 (鋼) | 1 |
| 不銹鋼 (V2A) | 約 0.8 |
| 鋁 (實心) | 約 0.45 |
| 銅 (Cu) | 約 0.4 |

產品資訊

| 產品型號 | 訂貨代號 |
|------------------|-----------|
| IME18-08BNOZC0K | 1 040 977 |
| IME18-08BNOZW2K | 1 040 979 |
| IME18-08BNSZC0 K | 1 040 973 |
| IME18-08BNSZW2K | 1 040 975 |
| IME18-08BPOZC0K | 1 040 969 |
| IME18-08BPOZW2K | 1 040 971 |
| IME18-08BPSZC0K | 1 040 965 |
| IME18-08BPSZW2K | 1 040 967 |

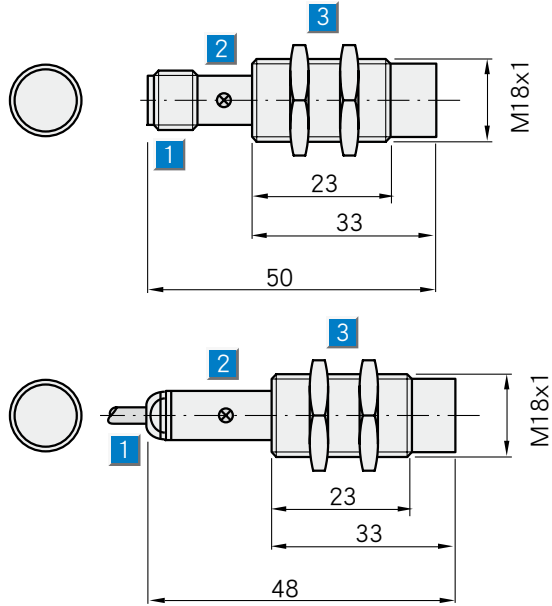
感應範圍
12 mm

近接開關

- 加長感應範圍
- 短路保護
- 銅鎳合金外殼
附M18x1mm固定螺帽
- 工業保護等級IP67
- 非齊平式安裝



尺寸圖



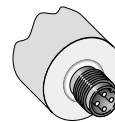
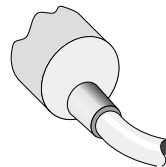
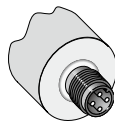
- 1 接線座
- 2 LED 指示燈
- 3 2只金屬固定螺帽 (24mm)



Industrial Sensor

接線圖

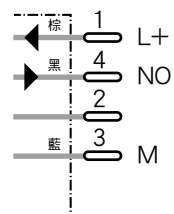
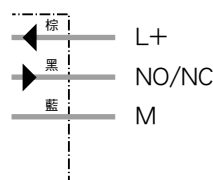
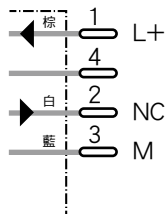
| | | |
|-----------------|-----------------|-----------------|
| IME18-12NNOZC0K | IME18-12NNOZW2K | IME18-NNSZC0K |
| IME18-12NPOZC0K | IME18-12NNSZW2K | IME18-12NPSZC0K |
| | IME18-12NPOZW2K | |
| | IME18-12NPSZW2K | |



M12,4-pin

3x0.25mm²

M12,4-pin



選購配件
M12,4-pin插頭
支架

| 技術資料 | | IME18- | | 12NNO ZC0K | 12NNO ZW2K | 12NNS ZC0K | 12NNS ZW2K | 12NPO ZC0K | 12NPO ZW2K | 12NPS ZC0K | 12NPS ZW2K | | |
|---------------------|--|--------|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|--|
| 感應範圍 S_n | 12mm | | | | | | | | | | | | |
| 電氣型式 | DC 3線式 | | | | | | | | | | | | |
| 供電電壓 V_S | DC 10...30V | | | | | | | | | | | | |
| 漣波值 V_{PP} | $\leq 10\%$ | | | | | | | | | | | | |
| 電壓降 U_d | $\leq 2V$ ¹⁾ | | | | | | | | | | | | |
| 耗電量 (無負載) | $\leq 10mA$ ²⁾ | | | | | | | | | | | | |
| 持續電流 I_a | $\leq 200mA$ | | | | | | | | | | | | |
| 電源開啟延遲時間 t_v | $\leq 100ms$ | | | | | | | | | | | | |
| 遲滯時間 H , of S_r | 5...15% | | | | | | | | | | | | |
| 動作重覆性 R | $\leq 2\%$ (U_b 、 T_a 常數) ³⁾ | | | | | | | | | | | | |
| 溫度漂移, of S_r | $\pm 10\%$ | | | | | | | | | | | | |
| 電磁防干擾標準 EMC | 根據EN60947-5-2 | | | | | | | | | | | | |
| 開關輸出 | NPN | | | | | | | | | | | | |
| | PNP | | | | | | | | | | | | |
| 輸出 | 常閉 | | | | | | | | | | | | |
| | 常開 | | | | | | | | | | | | |
| 安裝方式 | 非齊平式 | | | | | | | | | | | | |
| 接線方式 | M12,4-pin插座 | | | | | | | | | | | | |
| | 2m電纜線, PVC | | | | | | | | | | | | |
| 工業保護等級 | IP67 ⁴⁾ | | | | | | | | | | | | |
| 最大開關頻率 | 1000Hz | | | | | | | | | | | | |
| 尺寸 | M18x1 ⁵⁾ | | | | | | | | | | | | |
| 短路保護 | ✓ ⁶⁾ | | | | | | | | | | | | |
| 極性相反保護 | ✓ | | | | | | | | | | | | |
| 電源開啟突波抑制 | ✓ | | | | | | | | | | | | |
| 衝擊、震動及耐壓程度 | 30g, 11ms/10...55Hz, 1mm | | | | | | | | | | | | |
| 工作環境溫度 T_A | -25°C...+75°C | | | | | | | | | | | | |
| 外殼材質 | 銅鎳合金、塑膠 | | | | | | | | | | | | |
| 旋緊扭力 | 40Nm | | | | | | | | | | | | |

1) I_a 最大值3) of s_r = 實際感測範圍

5) 螺紋直徑 x 間距 (mm)

2) 無負載

4) 依據 EN 60529

6) 脈衝式

衰減值 R_M

以下為參考值，會因型號不同而異

| | |
|-----------|--------|
| St37 (鋼) | 1 |
| 不銹鋼 (V2A) | 約 0.8 |
| 鋁 (實心) | 約 0.45 |
| 銅 (Cu) | 約 0.4 |

產品資訊

| 產品型號 | 訂貨代號 |
|-----------------|-----------|
| IME18-12NNOZC0K | 1 040 993 |
| IME18-12NNOZW2K | 1 040 995 |
| IME18-12NNSZC0K | 1 040 989 |
| IME18-12NNSZW2K | 1 040 991 |
| IME18-12NPOZC0K | 1 040 985 |
| IME18-12NPOZW2K | 1 040 987 |
| IME18-12NPSZC0K | 1 040 981 |
| IME18-12NPSZW2K | 1 040 983 |