

Telemecanique Osiprox *Inductive proximity sensors* 電感式接近傳感器

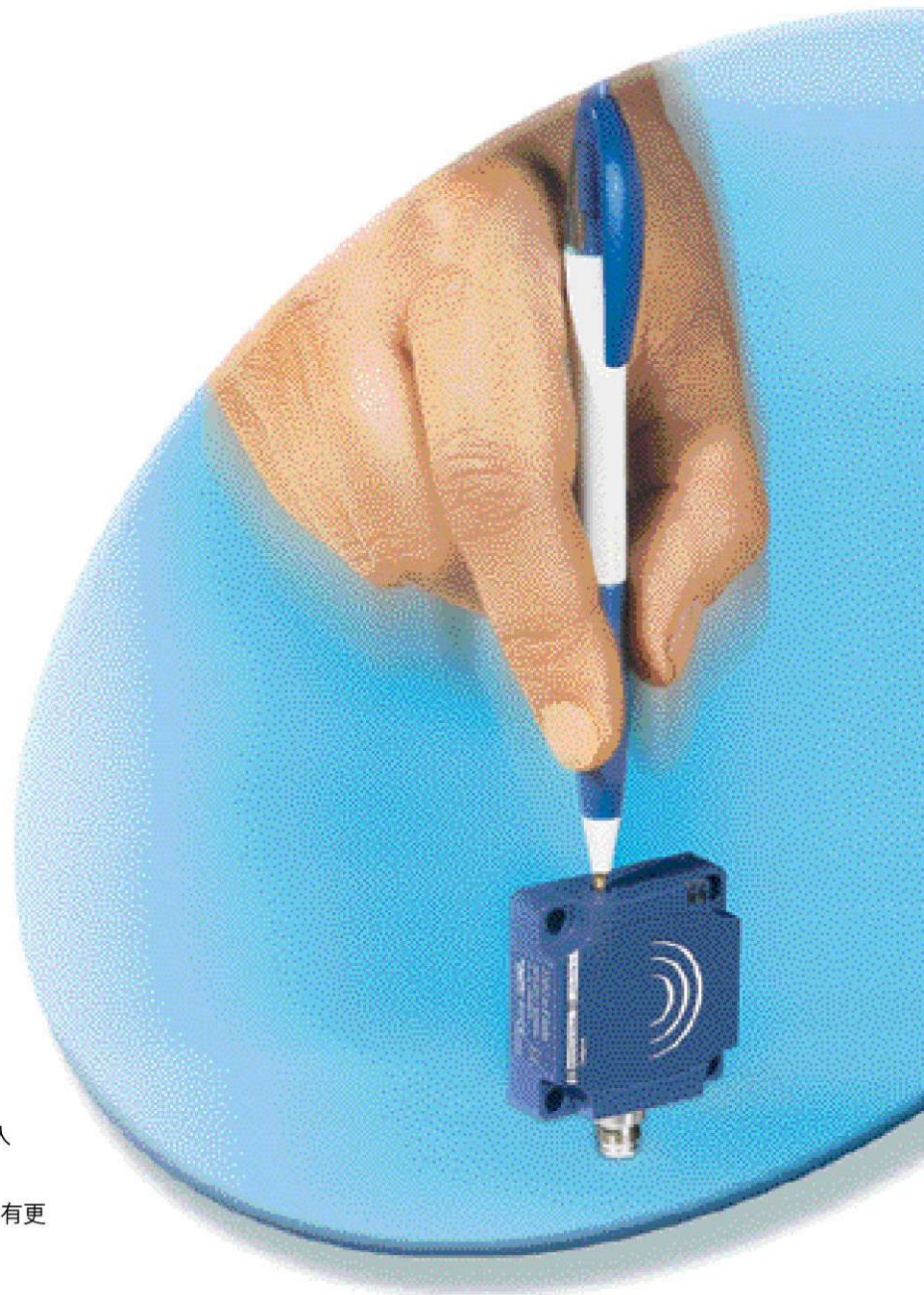
Innovation through intelligence
通過智能化的創新

A simple press on the button configures the sensor and provides optimal performance irrespective of the installation method (flush, non flush).

With **Osiconcept®**, the **intelligent** self-teaching of the metal environment makes selection and setting-up **easier** and integration in the machine is improved due to the compactness of the flat design.

只需輕輕一按，不論是何種安裝形式（埋入式、非埋入式），傳感器均可自動組態並提供最佳的性能。

全靠 **Osiconcept®** 概念，通過對環境的自學習，產品有更高的適應性能。



Osiprox, inductive proximity sensor

Universal 通用型

Osiconcept® E型 26 x 26 Osiconcept® C型 40 x 40 Osiconcept® D型 80 x 80 Osiconcept® M12



Flush mountable
埋入式安裝

Non flush mountable
非埋入式安裝

Suitability for flush mounting in metal 是否適合埋入金屬中安裝

Nominal sensing distance S_n 適用的感應距離 (mm) Flush and non flush mountable
埋入及非埋入式安裝

Case material 外殼物料

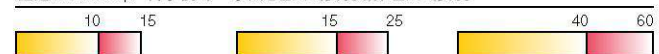
Dimensions 尺寸 (mm) W x H x D or 或 $\varnothing$ x L

Connection 連接

Supply voltage 電壓供應	3-wire 線 d.c. 直流	PNP NO (4)
		NPN NO (4)
	2-wire 線 a.c./d.c. 交 / 直流 without short-circuit protection 無短路保護	NO
		NC



flush or non flush mountable via Osiconcept® teach mode
通過 Osiconcept® 自學模式，可以是埋入式安裝或非埋入式安裝



plastic 塑料

26 x 26 x 13

pre-cabled 成型電纜 (2 m) /
connector 連接器 (1)

XS8E1A1PAL2 / M8

XS8E1A1NAL2 / M8

XS8E1A1MAL2 / L01U20

XS8E1A1MBL2 / L01U20

plastic 塑料

40 x 40 x 15

pre-cabled 成型電纜 (2 m) /
connector 連接器 (1)

XS8C1A1PAL2 / M8

XS8C1A1NAL2 / M8

XS8C1A1MAL2 / L01U20

XS8C1A1MBL2 / L01U20

plastic 塑料

80 x 80 x 26

pre-cabled 成型電纜 (2 m) /
connector 連接器 (2)

XS8D1A1PAL2 / M12

XS8D1A1NAL2 / M12

XS8D1A1MAL2 / U20

XS8D1A1MBL2 / U20

metal

M12 x

M12 c

XS612

XS612

-

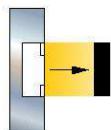
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Optimum 優化型

J型 8 x 22

F型 15 x 32

E型 26 x 26



Flush mountable
埋入式安裝

Suitability for flush mounting in metal 是否適合埋入金屬中安裝

Nominal sensing distance S_n 適用的感應距離 (mm) Flush mountable
埋入式安裝

Case material 外殼物料

Dimensions 尺寸 (mm) W x H x D or 或 $\varnothing$ x L

3-wire 線 and 及 2-wire 線

Connection 連接

Supply voltage 電壓供應	3-wire 線	PNP NO (4)
		NPN NO (4)
	2-wire 線 non polarised 無極性	NO
		NC



flush mountable 埋入式安裝



plastic 塑料

8 x 22 x 8

pre-cabled 成型電纜 (2 m) /
M8 connector 連接器 (3)

XS7J1A1PAL2 / L01M8

XS7J1A1NAL2 / L01M8

XS7J1A1DAL2 / L01M8

XS7J1A1DBL2 / L01M8

flush mountable 埋入式安裝



plastic 塑料

15 x 32 x 8

pre-cabled 成型電纜 (2 m) /
M8 connector 連接器 (3)

XS7F1A1PAL2 / L01M8

XS7F1A1NAL2 / L01M8

XS7F1A1DAL2 / L01M8

XS7F1A1DBL2 / L01M8

flush mountable 埋入式安裝



plastic 塑料

26 x 26 x 13

pre-cabled 成型電纜 (2 m) /
connector 連接器 (2)

XS7E1A1PAL2 / M8

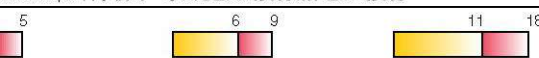
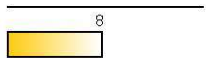
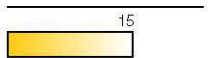
XS7E1A1NAL2 / M8

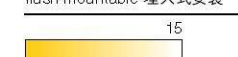
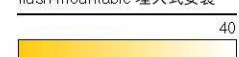
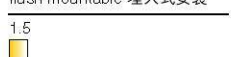
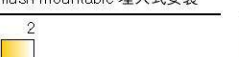
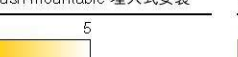
XS7E1A1DAL2 / M8

XS7E1A1DBL2 / M8

- (1) For M8 or 1/2" 20 UNF connector, replace "L2" by "M8" or "L01U20" respectively.
Example: XS8E1A1PAL2 becomes XS8E1A1PAM8 or XS8E1A1MAL2 becomes XS8E1A1MAL20.
- (2) For M8, M12 or U20 connector, replace "L2" by "M8", "M12" or "U20" respectively.
Example: XS7E1A1PAL2 becomes XS7E1A1PAM8, XS8D1A1PAL2 becomes XS8D1A1PAL20.
- (3) For M8 connector, replace "L2" by "L01M8". Example: XS7J1A1PAL2 becomes XS7J1A1PAL20.
- (4) For NC versions, replace "A" by "B". Example: XS8E1A1PAL2 becomes XS8E1A1PBL2.

proximity sensors 電感式接近傳感器

Osiconcept®			Osiconcept®			
M18			M8	M12	M18	M30
						
for non flush mountable via Osiconcept® teach mode Osiconcept® 自學模式，可以是埋入式安裝或非埋入式安裝			flush mountable 埋入式安裝	flush mountable 埋入式安裝	flush mountable 埋入式安裝	flush mountable 埋入式安裝
						
metal 金屬			metal 金屬	metal 金屬	metal 金屬	metal 金屬
54			M8 x 50	M12 x 50	M18 x 60	M30 x 60
connector 連接器			pre-cabled 成型電纜 (2 m) / connector 連接器 (2)	pre-cabled 成型電纜 (2 m) / connector 連接器 (2)	pre-cabled 成型電纜 (2 m) / connector 連接器 (2)	pre-cabled 成型電纜 (2 m) / connector 連接器 (2)
XS618B2PAL01M12			XS608B1PAL2 / M12	XS612B1PAL2 / M12	XS618B1PAL2 / M12	XS630B1PAL2 / M12
XS618B2NAL01M12			XS608B1NAL2 / M12	XS612B1NAL2 / M12	XS618B1NAL2 / M12	XS630B1NAL2 / M12
-			-	XS612B1MAL2 / U20	XS618B1MAL2 / U20	XS630B1MAL2 / U20
-			-	XS612B1MBL2 / U20	XS618B1MBL2 / U20	XS630B1MBL2 / U20

C型 40 x 40	D型 80 x 80	M8	M12	M18	M30
					
flush mountable 埋入式安裝	flush mountable 埋入式安裝	flush mountable 埋入式安裝	flush mountable 埋入式安裝	flush mountable 埋入式安裝	flush mountable 埋入式安裝
					
plastic 塑料	plastic 塑料	metal 金屬	metal 金屬	metal 金屬	metal 金屬
40 x 40 x 15	80 x 80 x 26	M8 x 33 / M8 x 50	M12 x 33 / M12 x 50	M18 x 36.5 / M18 x 52.5	M30 x 40.6 / M30 x 50
pre-cabled 成型電纜 (2 m) / connector 連接器 (2)	pre-cabled 成型電纜 (2 m) / connector 連接器 (2)	pre-cabled 成型電纜 (2 m) / connector 連接器 (2)	pre-cabled 成型電纜 (2 m) / connector 連接器 (2)	pre-cabled 成型電纜 (2 m) / connector 連接器 (2)	pre-cabled 成型電纜 (2 m) / connector 連接器 (2)
XS7C1A1PAL2 / M8	XS7D1A1PAL2 / M12	XS508B1PAL2 / M8	XS512B1PAL2 / M12	XS518B1PAL2 / M12	XS530B1PAL2 / M12
XS7C1A1NAL2 / M8	XS7D1A1NAL2 / M12	XS508B1NAL2 / M8	XS512B1NAL2 / M12	XS518B1NAL2 / M12	XS530B1NAL2 / M12
XS7C1A1DAL2 / M8	XS7D1A1DAL2 / M12	XS508B1DAL2 / M12	XS512B1DAL2 / M12	XS518B1DAL2 / M12	XS530B1DAL2 / M12
XS7C1A1DBL2 / M8	XS7D1A1DBL2 / M12	XS508B1DBL2 / M12	XS512B1DBL2 / M12	XS518B1DBL2 / M12	XS530B1DBL2 / M12

1MAL01U20

AM12 or XS8D1A1MAL2 becomes XS8D1A1MAU20
PAL01M8

(1) 對於M8或1/2" 20 UNF連接器，用“M8”或“L01U20”分別取代“L2”。

例：XS8E1A1PAL2換成XS8E1A1PAM8或XS8E1A1MAL2換成XS8E1A1MAL01U20

(2) 對於M8、M12或U20連接器，用“M8”、“M12”或“U20”分別取代“L2”。

例：XS7E1A1PAL2換成XS7E1A1PAM8，XS8D1A1PAL2換成XS8D1A1PAM12或XS8D1A1MAL2換成XS8D1A1MAU20

(3) 對於M8連接器，用“L01M8”取代“L2”。例：XS7J1A1PAL2換成XS7J1A1PAL01M8

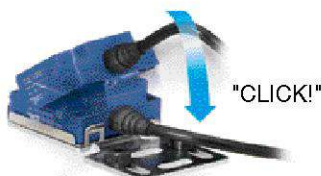
(4) 對於NC類別，用“B”取代“A”。例：XS8E1A1PAL2換成XS8E1A1PBL2



“ a single product that automatically adapts to all installation environments
單一的产品自动地適應所有的安裝環境 ”

Accessories 附件 (to be ordered separately 分開訂購)

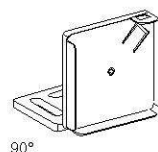
Fixings 固定件



For flat sensors, forms J, F, E, C and D
用於方型傳感器，有 J, F, E, C 和 D 型



Form J 型	XSZBJ00
Form F 型	XSZBF00
Form E 型	XSZBE00
Form C 型	XSZBC00
Form D 型	-



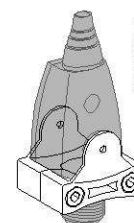
substitution of block type sensors
方型傳感器的替換固定件
XSE / XSC / XSD

Form J 型	XSZBJ90	-
Form F 型	XSZBF90	-
Form E 型	XSZBE90	XSZBE10
Form C 型	XSZBC90	XSZBC10
Form D 型	-	XSZBD10

With indexing pin for cylindrical sensors
用於圓柱形傳感器的帶分度針鞍型夾具



M8	XSZB108
M12	XSZB112
M18	XSZB118
M30	XSZB130



For XS6 Osiconcept® remote control
適用於 XS6 Osiconcept® 遙程控制

XSZBPM12

Composition of reference 型號的組成

XS8E1A1PAL2	Range 設計 :	8 = Universal Osiconcept® flat 通用型，扁平， 6 = Universal cylindrical 通用型，圓柱， 7 = Optimum flat 優化型，扁平， 5 = Optimum cylindrical 優化型，圓柱
	Material 物料 :	A = plastic 塑料，B = metal 金屬
	Output 輸出 :	A = NO, B = NC
	Connection 連接 :	L2 = pre-cabled 成型電纜(2m) M12 = M12 connector 連接器 M8 = M8 connector 連接器 U20 = 1/2" UNF
	Output 輸出 :	P = PNP 3線PNP直流，N = NPN 3線NPN直流， M = a.o./d.c. 2線交 / 直流
	Form 型式 :	J, F, E, C, D, M8, M12, M18, M30

The above products are only a selection of the most popular products, for other versions, please consult Schneider Electric (HK) Ltd.
以上產品乃常選類型，有關其他，請向施耐德(香港)有限公司查詢。

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由於標準、規格及設計時有變更，請與我們的銷售部門確認資料。