

Innovation through intelligence

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

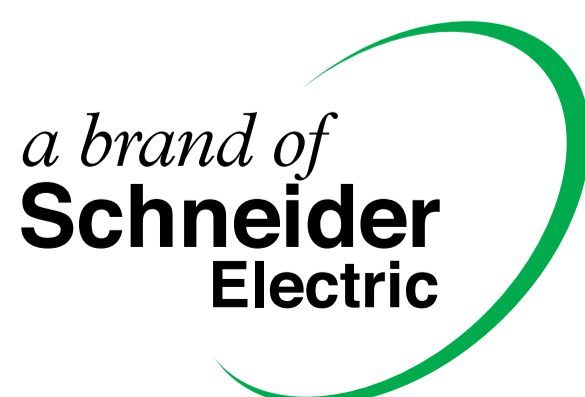


“ a single product that automatically adapts to all installation environments ”



Welcome to the Telemecanique **Simply Smart** world

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.



Flush mountable	Non flush mountable								
Suitability for flush mounting in metal									
Nominal sensing distance Sn (mm) Flush and non flush mountable									
Case material									
Dimensions (mm) W x H x D or Ø x L									
Connection									
Supply voltage	<table border="0"> <tr> <td>3-wire d.c.</td> <td>PNP NO function (4)</td> </tr> <tr> <td>2-wire a.c./d.c. without short-circuit protection</td> <td>NPN NO function (4)</td> </tr> <tr> <td></td> <td>NO function</td> </tr> <tr> <td></td> <td>NC function</td> </tr> </table>	3-wire d.c.	PNP NO function (4)	2-wire a.c./d.c. without short-circuit protection	NPN NO function (4)		NO function		NC function
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Composition of reference

⚠ Under no circumstances must the referencing grid be used to compose a reference

Range:	8 = Universal Osiconcept® flat, 6 = Universal cylindrical, 7 = Optimum flat, 5 = Optimum cylindrical
Material:	A = plastic, B = metal
Output:	A = NO, B = NC
Connection:	L2 = pre-cabled, length 2 m M12 = M12 connector M8 = M8 connector U20 = 1/2" UNF
Output:	P = PNP, N = NPN, M = a.c./d.c.
Form:	J, F, E, C, D, M8, M12, M18, M30

XS8E1A1PAL2

Osiprox, inductive proximity sensors

Universal **Osiconcept®**

Form E	Form C	Form D	M12	M18	M30	M8	M12	M18	M30
flush or non flush mountable via Osiconcept® teach mode			flush or non flush mountable via Osiconcept® teach mode			flush mountable	flush mountable	flush mountable	flush mountable
10 15	15 25	40 60	3.4 5	6 9	11 18	2.5	4	8	15
plastic	plastic	plastic	metal	metal	metal	metal	metal	metal	metal
26 x 26 x 13	40 x 40 x 15	80 x 80 x 26	M12 x 54	M18 x 67	M30 x 71	M8 x 50	M12 x 50	M18 x 60	M30 x 60
pre-cabled / connector (1) L = 2 m	pre-cabled / connector (1) L = 2 m	pre-cabled / connector (2) L = 2 m	M12 connector on flying lead	M12 connector on flying lead	M12 connector on flying lead	pre-cabled / connector (2) L = 2 m	pre-cabled / connector (2) L = 2 m	pre-cabled / connector (2) L = 2 m	pre-cabled / connector (2) L = 2 m
XS8E1A1PAL2 / M8	XS8C1A1PAL2 / M8	XS8D1A1PAL2 / M12	XS612B2PAL01M12	XS618B2PAL01M12	XS630B2PAL01M12	XS608B1PAL2 / M12	XS612B1PAL2 / M12	XS618B1PAL2 / M12	XS630B1PAL2 / M12
XS8E1A1NAL2 / M8	XS8C1A1NAL2 / M8	XS8D1A1NAL2 / M12	XS612B2NAL01M12	XS618B2NAL01M12	XS630B2NAL01M12	XS608B1NAL2 / M12	XS612B1NAL2 / M12	XS618B1NAL2 / M12	XS630B1NAL2 / M12
XS8E1A1MAL2 / L01U20	XS8C1A1MAL2 / L01U20	XS8D1A1MAL2 / U20	-	-	-	-	XS612B1MAL2 / U20	XS618B1MAL2 / U20	XS630B1MAL2 / U20
XS8E1A1MBL2 / L01U20	XS8C1A1MBL2 / L01U20	XS8D1A1MBL2 / U20	-	-	-	-	XS612B1MBL2 / U20	XS618B1MBL2 / U20	XS630B1MBL2 / U20

Optimum

Form J	Form F	Form E	Form C	Form D	M8	M12	M18	M30
flush mountable	flush mountable	flush mountable	flush mountable	flush mountable	flush mountable	flush mountable	flush mountable	flush mountable
2.5	5	10	15	40	1.5	2	5	10
plastic	plastic	plastic	plastic	plastic	metal	metal	metal	metal
8 x 22 x 8	15 x 32 x 8	26 x 26 x 13	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 / M8 connector L = 2 m on flying lead (3)	pre-cabled / M8 connector L = 2 m on flying lead (3)	pre-cabled / connector (2) L = 2 m	pre-cabled / connector (2) L = 2 m	pre-cabled / connector (2) L = 2 m	pre-cabled / connector (2) L = 2 m	pre-cabled / connector (2) L = 2 m	pre-cabled / connector (2) L = 2 m	pre-cabled / connector (2) L = 2 m
XS7J1A1PAL2 / L01M8	XS7F1A1PAL2 / L01M8	XS7E1A1PAL2 / M8	XS7C1A1PAL2 / M8	XS7D1A1PAL2 / M12	XS508B1PAL2 / M8	XS512B1PAL2 / M12	XS518B1PAL2 / M12	XS530B1PAL2 / M12
XS7J1A1NAL2 / L01M8	XS7F1A1NAL2 / L01M8	XS7E1A1NAL2 / M8	XS7C1A1NAL2 / M8	XS7D1A1NAL2 / M12	XS508B1NAL2 / M8	XS512B1NAL2 / M12	XS518B1NAL2 / M12	XS530B1NAL2 / M12
XS7J1A1DAL2 / L01M8	XS7F1A1DAL2 / L01M8	XS7E1A1DAL2 / M8	XS7C1A1DAL2 / M8	XS7D1A1DAL2 / M12	XS508B1DAL2 / M12	XS512B1DAL2 / M12	XS518B1DAL2 / M12	XS530B1DAL2 / M12
XS7J1A1DBL2 / L01M8	XS7F1A1DBL2 / L01M8	XS7E1A1DBL2 / M8	XS7C1A1DBL2 / M8	XS7D1A1DBL2 / M12	XS508B1DBL2 / M12	XS512B1DBL2 / M12	XS518B1DBL2 / M12	XS530B1DBL2 / M12

(1) For M8 or 1/2" 20 UNF connector, replace "L2" by "M8" or "L01U20" respectively
Example: XS8E1A1PAL2 becomes XS8E1A1PAM8 or XS8E1A1MAL2 becomes XS8E1A1MAL01U20
(2) For M8, M12 or U20 connector, replace "L2" by "M8", "M12" or "U20" respectively
Example: XS7E1A1PAL2 becomes XS7E1A1PAM8, XS8D1A1PAL2 becomes XS8D1A1PAM12 or XS8D1A1MAL2 becomes XS8D1A1MAU20
(3) For M8 connector on flying lead, replace "L2" by "L01M8". Example: XS7J1A1PAL2 becomes XS7J1A1PAL01M8
(4) For NC versions, replace "A" by "B". Example: XS8E1A1PAL2 becomes XS8E1A1PBL2

Accessories (to be ordered separately)

Fixings

	For flat sensors forms J, F, E, C and D			substitution of block type sensors XSE / XSC / XSD		For XS6 Osiconcept® remote control
	flat	90°				
Form J	XSZBJ00	XSZBJ90	-	M8	XSZB108	
Form F	XSZBF00	XSZBF90	-	M12	XSZB112	
Form E	XSZBE00	XSZBE90	XSZBE10	M18	XSZB118	
Form C	XSZBC00	XSZBC90	XSZBC10	M30	XSZB130	
Form D	-	-	XSZBD10			XSZBPM12

The above products are only a selection of the most popular products, for other versions: please refer to the Detection Components catalogue.

