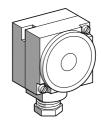
References, characteristics Inductive proximity sensors
Universal series, compact, plug-in
Plastic case: 33.5 x 33 x 90 and 41 x 50 x 76 mm

a.c. or d.c. supply

# Non flush mountable in metal





		DC	AC	AC	AC	DC	AC	AC
Nominal sensing distance (Sn) 13 mm		13 mm	13 mm	13 mm	13 mm	25 mm	25 mm	25 mm
References								
2-wire	NO	XSB-C10710	-	_	_	XSB-C25710	_	_
2-wire $\sim$	NO	_	XSB-A104112	XSB-A10511	XSB-A10611	_	XSB-A25811	XSB-A25911
	NC	_	XSB-A104212	XSB-A10521	XSB-A10621	_	XSB-A25821	XSB-A25921
Weight (kg)		0.150	0.150	0.150	0.150	0.190	0.190	0.190

### Characteristics

Connection		Screw terminals, capacity: 2 x 1.5 mm <sup>2</sup>								
Degree of protection	on	IP 67								
Operating zone		09 mm			020 mm					
Product certifications		Standard version : BV, USSR. Special version : CSA, UL								
Repeat accuracy		≤ 5 % of Sr								
Differential travel		320 % of Sr								
Operating temperature		− 25 + 70 °C								
Output state indication		_	LED			_	LED			
Rated supply voltage		<u></u> 2448 V	$\sim$ 48 V (50/60 Hz)	$\sim$ 110120 V (50/60 Hz)	∼ 220240 V (50/60 Hz)	<u></u> 2448 V	∼ 48…120 V (50/60 Hz)	∼ 110240 V (50/60 Hz)		
Voltage limits (including ripple)		<u></u> 1258 V	$\sim$ 4052 V	$\sim$ 93132 V	∼ 187264 V	<u></u> 1258 V	~ 40132 V	∼ 93264 V		
Switching capacity (1)		1.580 mA	60270 mA	30150 mA	20150 mA	1.580 mA	30270 mA	20150 mA		
Voltage drop, closed state		≤7 V	≤ 9.5 V			≤7 V	≤ 9.5 V			
Residual current, open state		≤ 1.2 mA	≤ 4.5 mA			≤ 1.2 mA	≤ 24.5 mA			
Current consumption, no-load		_	_			_	_			
Maximum switching frequency		250 Hz	10 Hz			250 Hz	40 Hz			
Delays	first-up	≤ 1.2 ms	≤ 80 ms			≤ 1.2 ms	≤ 150 ms			
	response	≤ 0.4 ms	≤ 40 ms			≤ 0.4 ms	≤ 10 ms			
(4) F VOD A ( )	recovery	≤ 1 ms ≤ 30 ms				≤ 1 ms	≤ 10 ms			

<sup>(1)</sup> For XSB-A ( $\sim$ ) sensors, not incorporating overload or short-circuit protection, it is recommended that a 0.63 A "quick-blow" fuse be connected in series with the load. See page 31160/2.

Other versions

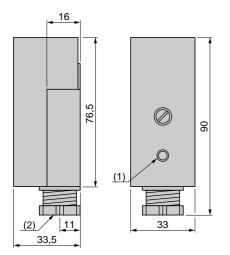
Inductive proximity sensors specifically designed for other ambient operating temperatures. Please consult your Regional Sales Office.

# Inductive proximity sensors Universal series, compact, plug-in Plastic case: 33.5 x 33 x 90 and 41 x 50 x 76 mm

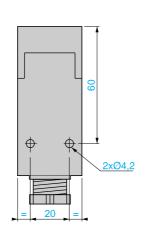
a.c. or d.c. supply

# **Dimensions**

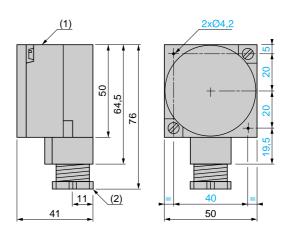
XSB-●10●●●



Rear view



XSB-**e**25**e**●



(1) LED (only applicable to XSB-A10●●● sensors) (2) n° 11 plastic cable gland

(1) LED (only applicable to XSB-A25●●● sensors)

(2) n° 11 plastic cable gland

# Setting-up

Minimum mounting

distances (mm)



Side by side

Face to face



Facing a metal object and mounting in a metal support.

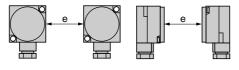
Refer to "Mechanical installation" for block type proximity sensors mounted in the vicinity of metal masses, page 31100/10.

XSB-●10 non flush

mountable in metal







XSB-●25 non flush

mountable in metal

e ≥ 100

e ≥ 200

# Wiring schemes

2-wire .... NO output 2-wire  $\sim$ NO output

NC output

