Inductive proximity sensors
XS range
Basics line

Catalogue



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Telemecanique
Sensors

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Inductive proximity sensors

XS range

Basics line

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Inductive proximity sensors, increased range

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Inductive proximity sensors, standard range

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Inductive proximity sensors
XS range
Basic

Cylindrical, metal	**Increased range** *(1)*			
	Flush mountable			
				
Sensing distance Sn (mm)	**2.5**	**4**	**8**	**15**
Diameter	M8	M12	M18	M30
Power supply	⎓ 3-wire, 12…24 V			
Function	NO or NC			
Output	PNP or NPN			
Length (mm) for pre-cabled versions	42	49	53	57
Connection Pre-cabled (L = 2 m) *(2)*	•	•	•	•
M8 connector, 3-pin	•	–	–	–
M12 connector, 4-pin	•	•	•	•
Operating temperature	-25…+70 °C			
Degree of protection	IP 65 and IP 67			
Type reference	**XS108BH●●●**	**XS112BH●●●**	**XS118BH●●●**	**XS130BH●●●**
Pages	5			

(1) Sensors with an increased range are sold individually or are available in bulk packs on request. Please contact our Customer Care Centre.
(2) Available in lengths of 3, 5 and 7 m, depending on model. Please contact our Customer Care Centre.

Standard range					
Flush mountable				Non flush mountable	
					
1.5	**2**	**5**	**10**	**2.5**	**4**	**8**	**15**
M8	M12	M18	M30	M8	M12	M18	M30
⎓ 3-wire, 12…24 V				⎓ 3-wire, 12…24 V			
NO or NC				NO or NC			
PNP or NPN				PNP or NPN			
42	44	53	57	42	44	53	57
•	•	•	•	•	•	•	•
•	–	–	–	•	–	–	–
•	•	•	•	•	•	•	•
-25…+70 °C				-25…+70 °C			
IP 65 and IP 67				IP 65 and IP 67			
XS108BL●●●	**XS112BL●●●**	**XS118BL●●●**	**XS130BL●●●**	**XS208BL●●●**	**XS212BL●●●**	**XS218BL●●●**	**XS230BL●●●**
8 and 9				8 and 9			

Inductive proximity sensors
XS range
Basic, cylindrical, increased range, flush mountable
Three-wire DC, solid-state output

XS range
Basic
increased range

Rugged, compact sensors suitable for a variety of applications







XS range Basic inductive proximity sensors are used to detect metal objects without physical contact.
They are flush mountable as standard and suitable for all metal environments since they ensure a maximum sensing distance, even if there is a metal background.

These sensors are rugged and compact making them suitable for a variety of applications, including:
- Material handling
- Mobile equipment
- Packing
- Machine tools
- Escalators

They are available with the following connections:
- Pre-cabled, with 2 or 5 m cable, depending on the model
- M8 or M12 connector, for easy installation and maintenance

Excellent resistance to electromagnetic interference

> Sensors compliant with standard IEC 60947-5-2
> Tested for use in very harsh environments, beyond standard requirements
> Specifically, application tests conducted in an environment prone to interference, in the vicinity of variable speed drives or motors, demonstrated very good EMC immunity

3-wire ⎓ technology with NO or NC, PNP or NPN output

Advantages of 3-wire technology

These sensors comprise 2 wires for the DC supply and a third wire for the output signal.
> PNP output: switching on the positive voltage load
> NPN output: switching on the negative voltage load

> Protection against reverse polarity, overloads and short circuits
> No residual current
> Low voltage drop

Sold in lots

Depending on the model, XS range Basic sensors are sold:
> Individually
> In various bulk quantities for ease of unpacking and less waste *(1)*

(1) Please contact our Customer Care Centre.

Cost-effective sensors with no compromise on quality

Inductive proximity sensors
XS range
Basic, cylindrical, increased range, flush mountable
Three-wire DC, solid-state output


XS108BH●●L2


XS108BH●●M8


XS108BH●●M12


XS112BH●●L●


XS112BH●●M12


XS118BH●●L●


XS118BH●●M12


XS130BH●●L●


XS130BH●●M12


XSZB1●●


XZCPV●●

Sensors, 3-wire ⎓ 12…24 V

Sensing distance (Sn) mm	Function	Output	Connection	Reference	Weight kg
Ø 8, threaded M8 x 1					
2.5	NO	PNP	Pre-cabled (L = 2 m)	**XS108BHPAL2**	0.070
			M8 connector	**XS108BHPAM8**	0.030
			M12 connector	**XS108BHPAM12**	0.050
		NPN	Pre-cabled (L = 2 m)	**XS108BHNAL2**	0.070
			M8 connector	**XS108BHNAM8**	0.030
	N/C	PNP	Pre-cabled (L = 2 m)	**XS108BHPBL2**	0.070
			M8 connector	**XS108BHPBM8**	0.030
			M12 connector	**XS108BHPBM12**	0.050
Ø 12, threaded M12 x 1					
4	NO	PNP	Pre-cabled (L = 2 m)	**XS112BHPAL2**	0.080
			Pre-cabled (L = 5 m)	**XS112BHPAL5**	0.150
			M12 connector	**XS112BHPAM12**	0.025
		NPN	Pre-cabled (L = 2 m)	**XS112BHNAL2**	0.080
			M12 connector	**XS112BHNAM12**	0.025
	N/C	PNP	Pre-cabled (L = 2 m)	**XS112BHPBL2**	0.080
			M12 connector	**XS112BHPBM12**	0.025
		NPN	Pre-cabled (L = 2 m)	**XS112BHNBL2**	0.080
			M12 connector	**XS112BHNBM12**	0.025
Ø 18, threaded M18 x 1					
8	NO	PNP	Pre-cabled (L = 2 m)	**XS118BHPAL2**	0.105
			Pre-cabled (L = 5 m)	**XS118BHPAL5**	0.175
			M12 connector	**XS118BHPAM12**	0.035
		NPN	Pre-cabled (L = 2 m)	**XS118BHNAL2**	0.105
			Pre-cabled (L = 5 m)	**XS118BHNAL5**	0.175
			M12 connector	**XS118BHNAM12**	0.035
	N/C	PNP	Pre-cabled (L = 2 m)	**XS118BHPBL2**	0.105
			M12 connector	**XS118BHPBM12**	0.035
		NPN	Pre-cabled (L = 2 m)	**XS118BHNBL2**	0.105
			M12 connector	**XS118BHNBM12**	0.035
Ø 30, threaded M30 x 1.5					
15	NO	PNP	Pre-cabled (L = 2 m)	**XS130BHPAL2**	0.165
			Pre-cabled (L = 5 m)	**XS130BHPAL5**	0.235
			M12 connector	**XS130BHPAM12**	0.075
		NPN	Pre-cabled (L = 2 m)	**XS130BHNAL2**	0.165
			M12 connector	**XS130BHNAM12**	0.075
	N/C	PNP	Pre-cabled (L = 2 m)	**XS130BHPBL2**	0.165
			M12 connector	**XS130BHPBM12**	0.075
		NPN	Pre-cabled (L = 2 m)	**XS130BHNBL2**	0.165
			M12 connector	**XS130BHNBM12**	0.075

Fixing accessories

Description	For use with sensors	Reference	Weight kg
Fixing clamps	Ø 8	**XSZB108**	0.006
	Ø 12	**XSZB112**	0.006
	Ø 18	**XSZB118**	0.010
	Ø 30	**XSZB130**	0.020

Connection accessories *(1)*

Description	Cable length m	Reference	Weight kg
Pre-wired, straight, female connectors M12 connectors 4-pin, PVC cable	5	**XZCPV1141L5**	0.210
	10	**XZCPV1141L10**	0.390
Pre-wired, straight, female connectors M8 connectors 3-pin, PVC cable	5	**XZCPV0566L5**	0.210
	10	**XZCPV0566L10**	0.390

(1) For other connection accessories, visit our website: www.tesensors.com

Inductive proximity sensors
XS range
Basic, cylindrical, increased range, flush mountable
Three-wire DC, solid-state output

Characteristics

Sensor type			XS1●●BHP●L● XS1●●BHN●L●	XS1●●BHP●M● XS1●●BHN●M●
Product certifications			UL, CSA, CE	
Connection	Pre-cabled		Cable length: 2 or 5 m, depending on model	–
	Connector		–	M8 or M12 connector, depending on model
Operating zone *(1)*	Ø 8	mm	**0…2**	
	Ø 12	mm	**0…3.2**	
	Ø 18	mm	**0…6.4**	
	Ø 30	mm	**0…12**	
Differential travel		%	1...15 of effective sensing distance (Sr)	
Degree of protection	Conforming to IEC 60529		IP 65 and IP 67	
Storage temperature		°C	-40…+85	
Operating temperature		°C	-25…+70	
Materials	Case		Nickel plated brass	
	Cable		PVC (number and c.s.a. of wires: 3 x 0.14 mm²)	
Vibration resistance	Conforming to IEC 60068-2-6		25 gn, amplitude ± 2 mm (f = 10 to 55 Hz)	
Shock resistance	Conforming to IEC 60068-2-27		50 gn, duration 11 ms	
Output state indication			Yellow LED, on rear	Yellow LED, 2 viewing ports at 180°
Rated supply voltage		V	⎓ 12…24 with protection against reverse polarity	
Voltage limits (including ripple)		V	⎓ 10…36	
Switching capacity		mA	≤ 200 with overload and short-circuit protection	
Voltage drop, closed state		V	≤ 2	
Current consumption, no-load		mA	≤ 10	
Maximum switching frequency	Ø 8	Hz	2500	
	Ø 12	Hz	950	
	Ø 18	Hz	700	
	Ø 30	Hz	200	
Delays	First-up	ms	≤ 15	
	Response	ms	≤ 0.3	
	Recovery	ms	≤ 0.3	

Connections

Connector

M8



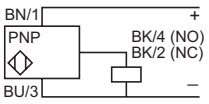
M12



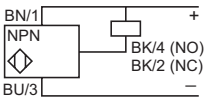
Pre-cabled

BU: Blue
BN: Brown
BK: Black

PNP



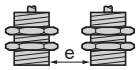
NPN

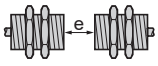


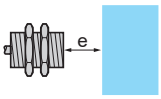
For M8 connectors, NO and NC outputs on terminal 4

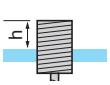
Setting-up precautions

Minimum mounting distances (mm)







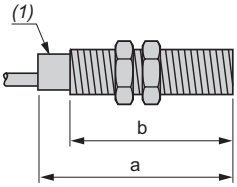


Sensors		Side by side	Face to face	Facing a metal object	Mounted in a metal support
Ø 8	**XS108BH**	e ≥ 5	e ≥ 30	e ≥ 8	–
Ø 12	**XS112BH**	e ≥ 8	e ≥ 50	e ≥ 12	–
Ø 18	**XS118BH**	e ≥ 16	e ≥ 100	e ≥ 25	–
Ø 30	**XS130BH**	e ≥ 30	e ≥ 180	e ≥ 30	h ≥ 2

(1) See detection curves on next page.

Inductive proximity sensors
XS range
Basic, cylindrical, increased range, flush mountable
Three-wire DC, solid-state output

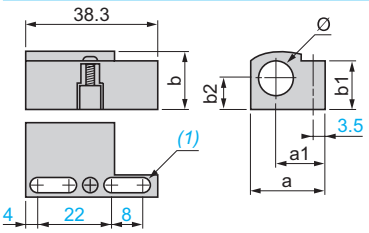
Sensor dimensions XS1●●BH●●



		Pre-cabled (mm)		M8 connector (mm)		M12 connector (mm)	
		a	b	a	b	a	b
Ø 8	XS108BH●●	42	33	51	34	61	40
Ø 12	XS112BH●●	49	36	–	–	61	39
Ø 18	XS118BH●●	53	41	–	–	64	43
Ø 30	XS130BH●●	57	44	–	–	68	47

(1) LED

Fixing clamp dimensions XSZB108, XSZBB112, XSZBB118 and XSZBB130

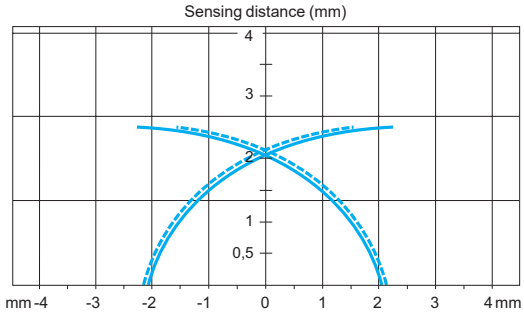


		a	a1	b	b1	b2	Ø
Ø 8	XSZB108	19.9	14.5	14	12.5	7.5	8
Ø 12	XSZB112	21.9	14.5	16	15.5	8.5	12
Ø 18	XSZB118	26	15.7	22.3	20.1	11.5	18
Ø 30	XSZB130	39	21.7	35.5	31	18.5	30

(1) 2 elongated holes Ø 4 x 8 mm

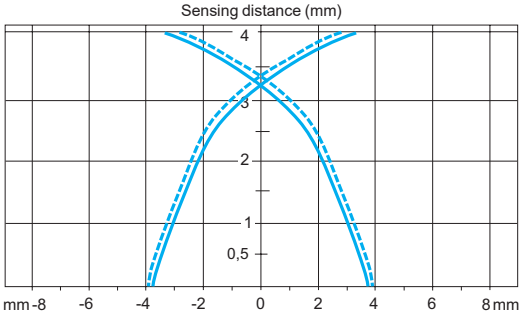
Detection curves

Sensors Ø 8



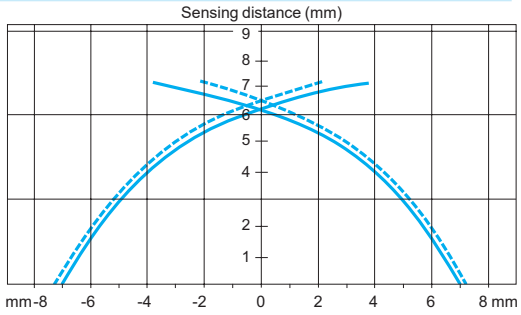
Standard metal target (mm): 8 x 8 x 1
Operating zone (mm): 0…2

Sensors Ø 12



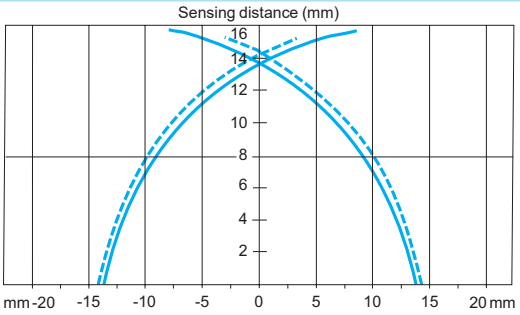
Standard metal target (mm): 12 x 12 x 1
Operating zone (mm): 0…3.2

Sensors Ø 18



Standard metal target (mm): 24 x 24 x 1
Operating zone (mm): 0…6.4

Sensors Ø 30



Standard metal target (mm): 45 x 45 x 1
Operating zone (mm): 0…12

pick-up points
drop-out points (object approaching from the side)

Inductive proximity sensors

XS range, general purpose

Basic, cylindrical, metal, flush and non flush mountable

Three-wire DC, solid-state output



XS108BL●●L●



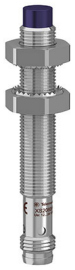
XS108BL●●M8



XS108BL●●M12



XS208BL●●L●



XS208BL●●M8



XS208BL●●M12



XS112BL●●L●



XS112BL●●M12



XS212BL●●L●



XS212BL●●M12

References

Sensing distance (Sn)	Function	Output	Connection	Reference	Weight
mm					kg
Ø 8, threaded M8 x 1					
Three-wire ⎓ 12-24 V, flush mountable					
1.5	NO	PNP	Pre-cabled (L = 2 m)	**XS108BLPAL2**	0.035
			Pre-cabled (L = 5 m)	**XS108BLPAL5**	0.105
			M8 connector	**XS108BLPAM8**	0.008
			M12 connector	**XS108BLPAM12**	0.015
		NPN	Pre-cabled (L = 2 m)	**XS108BLNAL2**	0.035
			M12 connector	**XS108BLNAM12**	0.015
Three-wire ⎓ 12-24 V, non flush mountable					
2.5	NO	PNP	Pre-cabled (L = 2 m)	**XS208BLPAL2**	0.035
			Pre-cabled (L = 5 m)	**XS208BLPAL5**	0.105
			M8 connector	**XS208BLPAM8**	0.008
			M12 connector	**XS208BLPAM12**	0.015
		NPN	Pre-cabled (L = 2 m)	**XS208BLNAL2**	0.035
Ø 12, threaded M12 x 1					
Three-wire ⎓ 12-24 V, flush mountable					
2	NO	PNP	Pre-cabled (L = 2 m)	**XS112BLPAL2**	0.070
			Pre-cabled (L = 3 m)	**XS112BLPAL3**	0.095
			Pre-cabled (L = 5 m)	**XS112BLPAL5**	0.140
			M12 connector	**XS112BLPAM12**	0.015
		NPN	Pre-cabled (L = 2 m)	**XS112BLNAL2**	0.070
			M12 connector	**XS112BLNAM12**	0.015
	NC	PNP	Pre-cabled (L = 2 m)	**XS112BLPBL2**	0.070
			M12 connector	**XS112BLPBM12**	0.015
Three-wire ⎓ 12-24 V, non flush mountable					
4	NO	PNP	Pre-cabled (L = 2 m)	**XS212BLPAL2**	0.070
			Pre-cabled (L = 5 m)	**XS212BLPAL5**	0.140
			M12 connector	**XS212BLPAM12**	0.015
		NPN	Pre-cabled (L = 2 m)	**XS212BLNAL2**	0.070
			Pre-cabled (L = 7 m)	**XS212BLNAL7**	0.185
			M12 connector	**XS212BLNAM12**	0.015
	NC	PNP	Pre-cabled (L = 2 m)	**XS212BLPBL2**	0.070
			Pre-cabled (L = 5 m)	**XS212BLPBL5**	0.140
		NPN	Pre-cabled (L = 2 m)	**XS212BLNBL2**	0.070

Inductive proximity sensors

XS range, general purpose

Basic, cylindrical, metal, flush and non flush mountable

Three-wire DC, solid-state output



XS118BL●●L●



XS118BL●●M12



XS218BL●●L●



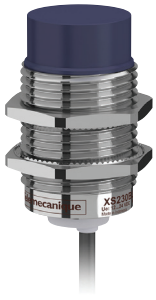
XS218BL●●M12



XS130BL●●L●



XS130BL●●M12



XS230BL●●L●



XS230BL●●M12

References (continued)

Sensing distance (Sn)	Function	Output	Connection	Reference	Masse
mm					kg
Ø 18, threaded M18 x 1					
Three-wire ⎓ 12-24 V, flush mountable					
5	NO	PNP	Pre-cabled (L = 2 m)	**XS118BLPAL2**	0.105
			Pre-cabled (L = 5 m)	**XS118BLPAL5**	0.175
			M12 connector	**XS118BLPAM12**	0.035
		NPN	Pre-cabled (L = 2 m)	**XS118BLNAL2**	0.105
			Pre-cabled (L = 5 m)	**XS118BLNAL5**	0.175
			M12 connector	**XS118BLNAM12**	0.035
	NC	PNP	Pre-cabled (L = 2 m)	**XS118BLPBL2**	0.105
			M12 connector	**XS118BLPBM12**	0.035
Three-wire ⎓ 12-24 V, non flush mountable					
8	NO	PNP	Pre-cabled (L = 2 m)	**XS218BLPAL2**	0.105
			Pre-cabled (L = 5 m)	**XS218BLPAL5**	0.175
			M12 connector	**XS218BLPAM12**	0.035
		NPN	Pre-cabled (L = 2 m)	**XS218BLNAL2**	0.105
			Pre-cabled (L = 5 m)	**XS218BLNAL5**	0.175
			Pre-cabled (L = 7 m)	**XS218BLNAL7**	0.220
			M12 connector	**XS218BLNAM12**	0.035
	NC	PNP	Pre-cabled (L = 2 m)	**XS218BLPBL2**	0.105
		NPN	Pre-cabled (L = 2 m)	**XS218BLNBL2**	0.105
Ø 30, threaded M30 x 1.5					
Three-wire ⎓ 12-24 V, flush mountable					
10	NO	PNP	Pre-cabled (L = 2 m)	**XS130BLPAL2**	0.165
			M12 connector	**XS130BLPAM12**	0.075
		NPN	Pre-cabled (L = 2 m)	**XS130BLNAL2**	0.165
			Pre-cabled (L = 3 m)	**XS130BLNAL3**	0.190
			M12 connector	**XS130BLNAM12**	0.075
	NC	PNP	Pre-cabled (L = 2 m)	**XS130BLPBL2**	0.165
			M12 connector	**XS130BLPBM12**	0.075
Three-wire ⎓ 12-24 V, non flush mountable					
15	NO	PNP	Pre-cabled (L = 2 m)	**XS230BLPAL2**	0.155
			Pre-cabled (L = 5 m)	**XS230BLPAL5**	0.225
			M12 connector	**XS230BLPAM12**	0.085
		NPN	Pre-cabled (L = 2 m)	**XS230BLNAL2**	0.155
			Pre-cabled (L = 7 m)	**XS230BLNAL7**	0.225
			M12 connector	**XS230BLNAM12**	0.085
	NC	PNP	Pre-cabled (L = 2 m)	**XS230BLPBL2**	0.155

Inductive proximity sensors

XS range, general purpose

Basic, cylindrical, metal, flush and non flush mountable
Three-wire DC, solid-state output
Accessories



XSZB1●●



XZCPV1141L●

Fixing accessories *(1)*

Description	For use with sensors	Reference	Weight kg
Fixing clamps	Ø 8	**XSZB108**	0.006
	Ø 12	**XSZB112**	0.006
	Ø 18	**XSZB118**	0.010
	Ø 30	**XSZB130**	0.020

Cabling accessories *(2)*

Description	Length of cable	Reference	Weight kg
Pre-wired, straight, female connectors M12 connectors, 4 pins PVC cable	5	**XZCPV1141L5**	0.210
	10	**XZCPV1141L10**	0.390
Pre-wired, straight, female connectors M8 connectors, 3 pins PVC cable	5	**XZCPV0566L5**	0.210
	10	**XZCPV0566L10**	0.390

(1) See dimensions on page 7.
(2) For other connection accessories, visit our website: www.tesensors.com

Inductive proximity sensors

XS range, general purpose

Basic, cylindrical, metal, flush and non flush mountable

Three-wire DC, solid-state output

Characteristics

Sensor type			XS1••BLP•L• XS1••BLN•L•	XS1••BLP•M• XS1••BLN•M•	XS2••BLP•L XS2••BLN•L	XS2••BLP•M• XS2••BLN•M•
Product certifications			UL, CSA, CE			
Connection	Pre-cabled		Length 2, 3 or 5 m, depending on model	–	Length 2, 5 or 7 m, depending on model	–
	Connector		–	M8 on Ø 8 M12 on Ø 8, Ø 12, Ø 18 and Ø 30	–	M8 on Ø 8 M12 on Ø 8, Ø 12, Ø 18 and Ø 30
Operating zone *(1)*	Ø 8	mm	**0…1.2**		**0…2**	
	Ø 12	mm	**0…1.6**		**0…3.2**	
	Ø 18	mm	**0…4**		**0…6.4**	
	Ø 30	mm	**0…8**		**0…12**	
Differential travel		%	1...15 of effective sensing distance (Sr)			
Degree of protection	Conforming to IEC 60529		IP 65 and IP 67			
Storage temperature		°C	- 40…+ 85			
Operating temperature		°C	- 25…+ 70			
Materials	Case		Nickel plated brass			
	Cable		PVC 3 x 0.14 mm² except Ø 8: 3 x 0.11 mm²	–	PVC 3 x 0.14 mm² except Ø 8: 3 x 0.11 mm²	–
Vibration resistance	Conforming to IEC 60068-2-6		25 gn, amplitude ± 2 mm (f = 10 to 55 Hz)			
Shock resistance	Conforming to IEC 60068-2-27		50 gn, duration 11 ms			
Output state indication			Yellow LED, on rear	Yellow LED: 2 viewing ports at 180°	Yellow LED, on rear	Yellow LED: 2 viewing ports at 180°
Rated supply voltage		V	⎓ 12…24 with protection against reverse polarity			
Voltage limits (including ripple)		V	⎓ 10…36			
Switching capacity		mA	≤ 200 with overload and short-circuit protection			
Voltage drop, closed state		V	≤ 2			
Current consumption, no-load		mA	≤ 10			
Residual current, open state		mA	–			
Maximum switching frequency	Ø 8	Hz	2500		2500	
	Ø 12	Hz	2500		1200	
	Ø 18	Hz	1200		500	
	Ø 30	Hz	500		300	
Delays	First-up	ms	≤ 15		≤ 15	
	Response Ø 8	ms	≤ 0.3		≤ 0.3	
	Response Ø 12	ms	≤ 0.1		≤ 0.1	
	Response Ø 18	ms	≤ 0.1		≤ 0.1	
	Response Ø 30	ms	≤ 0.1		≤ 0.2	
	Recovery Ø 8	ms	≤ 0.3		≤ 0.3	
	Recovery Ø 12	ms	≤ 0.15		≤ 0.4	
	Recovery Ø 18	ms	≤ 0.3		≤ 1	
	Recovery Ø 30	ms	≤ 1		≤ 1.4	

Wiring schemes

Connector

M8



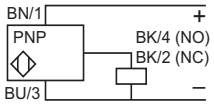
M12



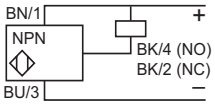
Pre-cabled

BU: Blue
BN: Brown
BK: Black

PNP



NPN



For M8 connectors, NO and NC outputs on terminal 4

(1) Detection curves, see page 13.

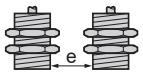
Inductive proximity sensors

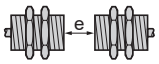
XS range, general purpose

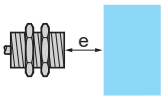
Basic, cylindrical, metal, flush and non flush mountable
Three-wire DC, solid-state output

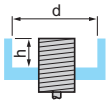
Setting-up

Minimum mounting distances (mm)



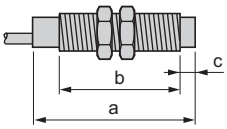






Sensors		Side by side	Face to face	Facing a metal object	Mounted in a metal support
Ø 8 flush mountable	**XS108BL**	e ≥ 3	e ≥ 18	e ≥ 4,5	d ≥ 8 h ≥ 0
Ø 8 non flush mountable	**XS208BL**	e ≥ 10	e ≥ 30	e ≥ 7,5	d ≥ 24 h ≥ 5
Ø 12 flush mountable	**XS112BL**	e ≥ 4	e ≥ 24	e ≥ 6	d ≥ 12 h ≥ 0
Ø 12 non flush mountable	**XS212BL**	e ≥ 16	e ≥ 48	e ≥ 12	d ≥ 36 h ≥ 8
Ø 18 flush mountable	**XS118BL**	e ≥ 10	e ≥ 60	e ≥ 15	d ≥ 18 h ≥ 0
Ø 18 non flush mountable	**XS218BL**	e ≥ 16	e ≥ 96	e ≥ 24	d ≥ 54 h ≥ 16
Ø 30 flush mountable	**XS130BL**	e ≥ 20	e ≥ 120	e ≥ 30	d ≥ 30 h ≥ 0
Ø 30 non flush mountable	**XS230BL**	e ≥ 60	e ≥ 180	e ≥ 45	d ≥ 90 h ≥ 30

Dimensions



Flush mountable in metal

Sensors		Pre-cabled (mm)		M8 connector (mm)		M12 connector (mm)	
		a	b	a	b	a	b
Ø 8	**XS108BL**	42	33	50	34	61	40
Ø 12	**XS112BL**	44	31	–	–	55	34
Ø 18	**XS118BL**	53	41	–	–	64	43
Ø 30	**XS130BL**	57	44	–	–	68	47

Non flush mountable in metal

Sensors		Pre-cabled (mm)			M8 connector (mm)			M12 connector (mm)		
		a	b	c	a	b	c	a	b	c
Ø 8	**XS208BL**	44	31	4	50	31	4	61	36	4
Ø 12	**XS212BL**	44	26	5	–	–	–	55	29	5
Ø 18	**XS218BL**	53	33	8	–	–	–	64	35	8
Ø 30	**XS230BL**	57	32	13	–	–	–	68	34	13

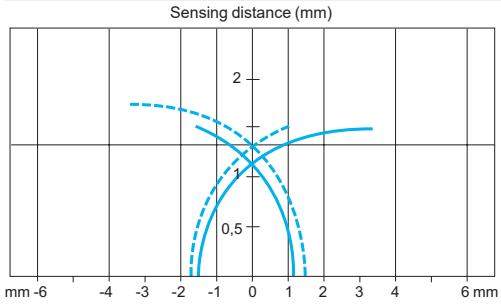
Inductive proximity sensors

XS range, general purpose
Basic, cylindrical, metal, flush and non flush mountable
Three-wire DC, solid-state output

Detection curves

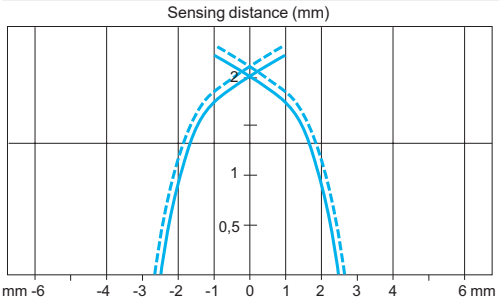
Ø 8 sensors

Flush mountable in metal



Standard steel target (mm): 8 x 8 x 1
Operating zone (mm): 0…1.2

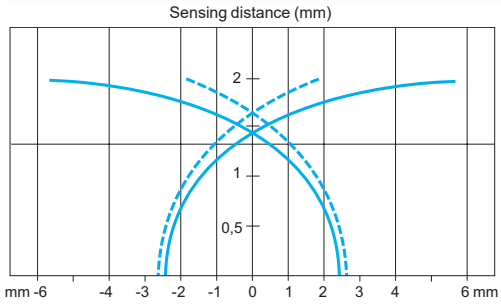
Non flush mountable in metal



Standard steel target (mm): 8 x 8 x 1
Operating zone (mm): 0…2

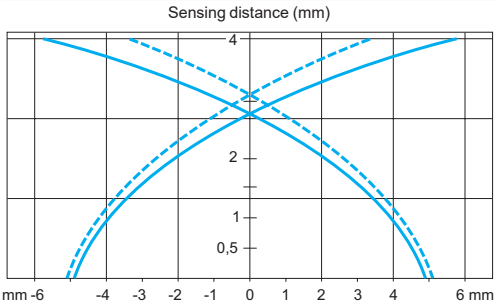
Ø 12 sensors

Flush mountable in metal



Standard steel target (mm): 12 x 12 x 1
Operating zone (mm): 0…1.6

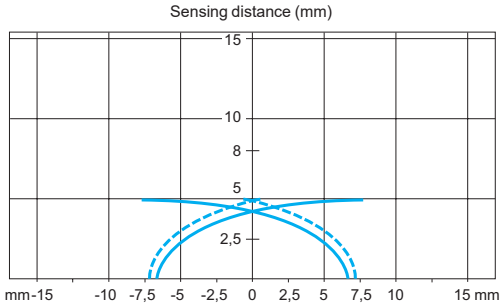
Non flush mountable in metal



Standard steel target (mm): 12 x 12 x 1
Operating zone (mm): 0…3.2

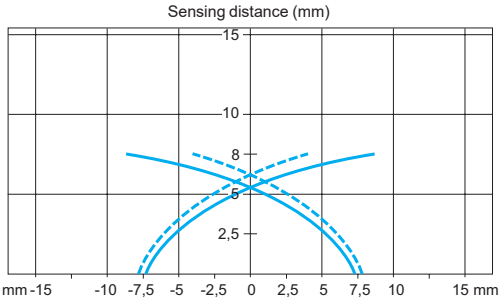
Ø 18 sensors

Flush mountable in metal



Standard steel target (mm): 18 x 18 x 1
Operating zone (mm): 0…4

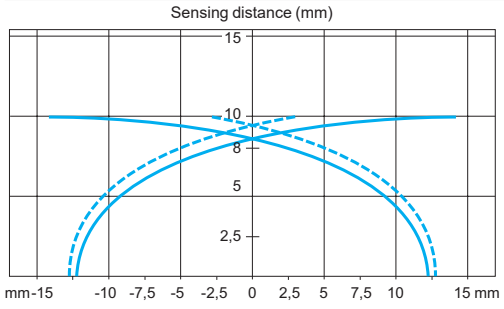
Non flush mountable in metal



Standard steel target (mm): 24 x 24 x 1
Operating zone (mm): 0…6.4

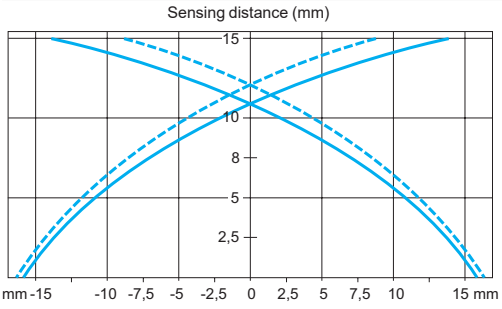
Ø 30 sensors

Flush mountable in metal



Standard steel target (mm): 30 x 30 x 1
Operating zone (mm): 0…8

Non flush mountable in metal



Standard steel target (mm): 45 x 45 x 1
Operating zone (mm): 0…12

pick-up points
drop-out points (object approaching from the side)

Product reference index

X	
XS108BHNAL2	5
XS108BHNAM8	5
XS108BHPAL2	5
XS108BHPAM8	5
XS108BHPAM12	5
XS108BHPBL2	5
XS108BHPBM8	5
XS108BHPBM12	5
XS108BLNAL2	8
XS108BLNAM12	8
XS108BLPAL2	8
XS108BLPAL5	8
XS108BLPAM8	8
XS108BLPAM12	8
XS112BHNAL2	5
XS112BHNAM12	5
XS112BHNBL2	5
XS112BHNBM12	5
XS112BHPAL2	5
XS112BHPAL5	5
XS112BHPAM12	5
XS112BHPBL2	5
XS112BHPBM12	5
XS112BLNAL2	8
XS112BLNAM12	8
XS112BLPAL2	8
XS112BLPAL3	8
XS112BLPAL5	8
XS112BLPAM12	8
XS112BLPBL2	8
XS112BLPBM12	8
XS118BHNAL2	5
XS118BHNAL5	5
XS118BHNAM12	5
XS118BHNBL2	5
XS118BHNBM12	5
XS118BHPAL2	5
XS118BHPAL5	5
XS118BHPAM12	5
XS118BHPBL2	5
XS118BHPBM12	5
XS118BLNAL2	9
XS118BLNAL5	9
XS118BLNAM12	9
XS118BLPAL2	9
XS118BLPAL5	9
XS118BLPAM12	9
XS118BLPBL2	9
XS118BLPBM12	9
XS130BHNAL2	5
XS130BHNAM12	5
XS130BHNBL2	5
XS130BHNBM12	5
XS130BHPAL2	5
XS130BHPAL5	5
XS130BHPAM12	5
XS130BHPBL2	5
XS130BHPBM12	5
XS130BLNAL2	9
XS130BLNAL3	9
XS130BLNAM12	9
XS130BLPAL2	9
XS130BLPAM12	9
XS130BLPBL2	9
XS130BLPBM12	9
XS208BLNAL2	8
XS208BLPAL2	8
XS208BLPAL5	8
XS208BLPAM8	8
XS208BLPAM12	8
XS212BLNAL2	8
XS212BLNAL7	8
XS212BLNAM12	8
XS212BLNBL2	8
XS212BLPAL2	8
XS212BLPAL5	8
XS212BLPAM12	8
XS212BLPBL2	8
XS212BLPBL5	8
XS218BLNAL2	9
XS218BLNAL5	9
XS218BLNAL7	9
XS218BLNAM12	9
XS218BLNBL2	9
XS218BLPAL2	9
XS218BLPAL5	9
XS218BLPAM12	9
XS218BLPBL2	9
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XS230BLNAL7	9
XS230BLNAM12	9
XS230BLPAL2	9
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XS230BLPAM12	9
XS230BLPBL2	9
XSZB108	5 10
XSZB112	5 10
XSZB118	5 10
XSZB130	5 10
XZCPV0566L5	5 10
XZCPV0566L10	5 10
XZCPV1141L5	5 10
XZCPV1141L10	5 10

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