

## OSICONCEPT™ Proximity Sensors

Maximum sensing distance:

- 0.4/0.3m diffuse
- 0.12m diffuse with background suppression
- 3/2m polarised reflex
- 20/15m thru beam

### • Ø18 mm Plastic Tubular, Multi-Mode Front Sensing, 12-24VDC

Part Number	Description
<b>120828</b>	N.C./N.O.,PNP circuit type,2m PvR cable
<b>120839</b>	N.C./N.O.,NPN circuit type,2m PvR cable
<b>120850</b>	Transmitter - 2m PvR cable
<b>120861</b>	N.C./N.O.,PNP circuit type, 4 pin M12 micro connector
<b>120872</b>	N.C./N.O.,NPN circuit type, 4 pin M12 micro connector
<b>120883</b>	Transmitter - 4 pin M12 micro connector



### • Ø18 mm Metal Tubular, Multi-Mode Front Sensing, 12-24VDC

Part Number	Description
<b>120894</b>	N.C./N.O.,PNP circuit type,2m PvR cable
<b>120905</b>	N.C./N.O.,NPN circuit type,2m PvR cable
<b>120916</b>	Transmitter - 2m PvR cable
<b>120927</b>	N.C./N.O.,PNP circuit type, 4 pin M12 micro connector
<b>120938</b>	N.C./N.O.,NPN circuit type, 4 pin M12 micro connector
<b>120949</b>	Transmitter - 4 pin M12 micro connector



## Osiris Universal Proximity Sensors - XUM Miniature

### • Rectangular 12x34x20mm, Multi-Mode, 12-24VDC

Maximum sensing distance:

- 0.55/0.4m diffuse
- 0.10m diffuse with background suppression
- 4/3m polarised reflex
- 14/10m thru beam

Part Number	Description
<b>120960</b>	N.C./N.O.,PNP circuit type,2m PvR cable
<b>120971</b>	N.C./N.O.,NPN circuit type,2m PvR cable
<b>120982</b>	Transmitter - 2m PvR cable
<b>120993</b>	N.C./N.O.,PNP circuit type, M8 Nano micro connector
<b>121004</b>	N.C./N.O.,NPN circuit type, M8 Nano micro connector
<b>121015</b>	Transmitter - 4 pin M8 Nano connector



## Osiris Universal Proximity Sensors - XUK Subcompact

### • Rectangular 18x50x50mm, Multi-Mode,12-24VDC

Maximum sensing distance:

- 1.2/0.8m diffuse
- 0.28m diffuse with background suppression
- 5.7/4m polarised reflex
- 35/30m thru beam

Part Number	Description
<b>121026</b>	N.C./N.O.,PNP/NPN circuit type,2m PvR cable
<b>121037</b>	Transmitter - 2m PvR cable
<b>121048</b>	N.C./N.O.,PNP/NPN circuit type,4 pin M12 micro connector
<b>121059</b>	Transmitter - 4 pin M12 micro connector



### • Rectangular 18x50x50mm, Multi-Mode,24-240V AC/DC relay output

Part Number	Description
<b>121070</b>	N.C./N.O.,2m PvR cable,built-in timer
<b>121081</b>	Transmitter



## Osiris Universal Proximity Sensors - XUX Compact

### • Rectangular 30x92x70mm, Multi-Mode,12-24VDC

Maximum sensing distance:

- 3/2m diffuse
- 1.3m diffuse with background suppression
- 15/11m polarised reflex
- 60/40m thru beam

Part Number	Description
<b>121092</b>	N.C./N.O.,PNP/NPN circuit type,4 pin M12 micro connector
<b>121103</b>	Transmitter - 4 pin M12 micro connector



### • Rectangular 30x92x70mm, Multi-Mode,24-240V AC/DC relay output

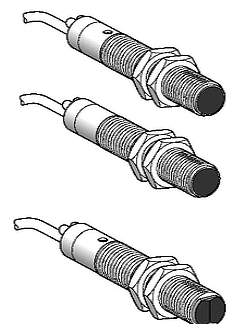
Part Number	Description
<b>121114</b>	N.C./N.O.,M16 cable gland,built-in timer
<b>121125</b>	Transmitter



## Osiris Proximity Sensors for special applications

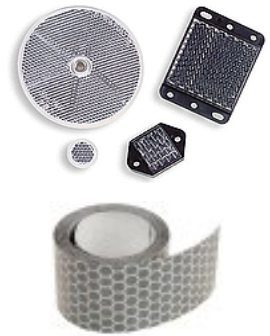
### • Ø18 mm Metal Tubular,2m PvR cable,multi-mode 24-240VDC

Part Number	Function	Max.sensing dist.
<b>121136</b>	thru beam,emitter-receiver NO	20/15m
<b>121147</b>	thru beam,emitter-receiver NC	20/15m
<b>121158</b>	polarised reflex,NO	3/2m
<b>121169</b>	polarised reflex,NC	3/2m
<b>121180</b>	diffuse with backgr. suppression,NO	0.12/0.12m
<b>121191</b>	diffuse with backgr. suppression,NC	0.12/0.12m
<b>121202</b>	diffuse,NO	0.6/0.4m
<b>121213</b>	diffuse,NC	0.6/0.4m

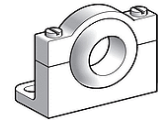


**OSICONCEPT™ Proximity Sensors**
**• Reflectors**

Part Number	Description
<b>121224</b>	Ø16mm
<b>121235</b>	Ø21mm
<b>121246</b>	24x21mm
<b>121257</b>	Ø31mm
<b>121268</b>	Ø39mm
<b>121279</b>	Ø80mm
<b>121290</b>	50x50mm
<b>121301</b>	100x100mm
<b>121312</b>	self-adhesive tape WxD=25x0.2mm


**• Mounting and fixing accessories**

Part Number	Description
<b>121323</b>	fixing bracket-stainless steel-for XUB...
<b>121334</b>	fixing bracket-stainless steel-for XUM...
<b>121345</b>	fixing bracket-stainless steel-for XUK...
<b>121356</b>	mounting bracket-stainless steel-for XUX...
<b>121367</b>	adjustable saddle clamp with ball joint-plastic-for XUB...



## Nautilus - Sensors for pressure control

### • XMLF Electronic sensors with display

- Solid-state output PNP/NPN/NO/NC and analogue 4...20mA

Part Number	Description-Application	Setting range (bar)
<b>121378</b>	for controlling air, fresh water, sea water, hydraulic oils, corrosive fluids (- 15...+ 80°C)	-0.08...-1
<b>121389</b>		0.08...1
<b>121400</b>		0.8...10
<b>121411</b>		8...100
<b>121422</b>		20...250
<b>121433</b>		32...400



### • XMLA Electromechanical vacuum sensors for control circuits

- with display  
 - G1/4 female connector & NC/NO contact

-Fixed differential scale  
 -Detection of single threshold

Part Number	Description-Application	Setting range (bar)
<b>121444</b>	for controlling air, fresh water, hydraulic oils up to 70°C	-0.28...-1
<b>121455</b>	for controlling air, fresh water, hydraulic oils up to 160°C	0.03...1
<b>121466</b>	for controlling fresh water & corrosive fluids up to 160°C	0.03...1
<b>121477</b>		0.4...4
<b>121488</b>	for controlling air, fresh water, hydraulic oils up to 70°C	0.6...10
<b>121499</b>		0.7...20
<b>121510</b>		1.5...35
<b>121521</b>		5...70
<b>121532</b>	for controlling hydraulic oils up to 160°C	10...160
<b>121543</b>		20...300
<b>121554</b>		30...500



### • XMLB Electromechanical vacuum sensors for control circuits

- with display  
 - G1/4 female connector & NC/NO contact

-Adjustable differential scale  
 -Regulation between 2 thresholds


Part Number	Description-Application	Setting range (bar)
<b>121565</b>	for controlling air, fresh water, hydraulic oils up to 70°C	-0.14...-1
<b>121576</b>		-0.5...5
<b>121587</b>		0.25...4
<b>121598</b>		0.7...10
<b>121609</b>		3.5...35
<b>121620</b>		7...70
<b>121631</b>	for controlling hydraulic oils up to 160°C	10...160
<b>121642</b>		22...300
<b>121653</b>		30...500



## Nautilus - Sensors for pressure control


### • XMP Electromechanical pressure sensor for power circuits

- G 3/8 female connector & 3NC(3P) contacts
- Adjustable differential scale
- Regulation between 2 thresholds

Part Number	Description-Application	Setting range (bar)	
<b>121664</b>	for controlling air, fresh water or sea water 0°C to 125°C	1.3...12	

### • FSG Electromechanical pressure sensor for power circuits (Ith=10A)

- G 1/4 female connector & 2NC contacts
- Adjustable differential scale
- Regulation between 2 thresholds

Part Number	Description-Application	Setting range (bar)	
<b>121675</b>	for controlling fresh water or sea water -15°C to 125°C	1.4...4.6	