

# Water pumping applications



Simply easy!™



**Telemecanique**

# > Telemecanique Sensors

Simply easy!

Simplicity



Expertise



Proximity



**Telemecanique Sensors:** a world-class global brand offering a comprehensive line of products with over 25,000 types of sensors, including limit switches, pressure sensors, photoelectric, and proximity sensors. In addition, we provide state-of-the-art RFID systems that are compatible with many PLC manufacturers as well as industrial encoders.

**Telemecanique Sensors:** has all the right agency approvals, such as IEC, CE, CCC, UL, CSA, EAC.

**Telemecanique Sensors:** focused on three core values — Simplicity, Proximity, and Expertise — we have become experts in factory automation sensors as well as specialists in demanding applications, making our customers' lives "Simply easy!"

## > Innovation focus

New electronic compact switches designed for easier installation, setup, and maintenance. OsiSense™ XMLR, the easy switch for machine pressure control.

### Easy to install

OsiSense XMLR is one of the most compact pressure switches on the market. The installation requires minimum time and effort — the body of the switch, after mounting on the fluid entry, can be rotated. The display can be reversed to ensure easy reading from any position.

### Easy to set up

The ergonomic design of OsiSense XMLR sets the new standard for configuration ease — the intuitive menu can be navigated easily using only two pushbuttons.

### Easy to maintain

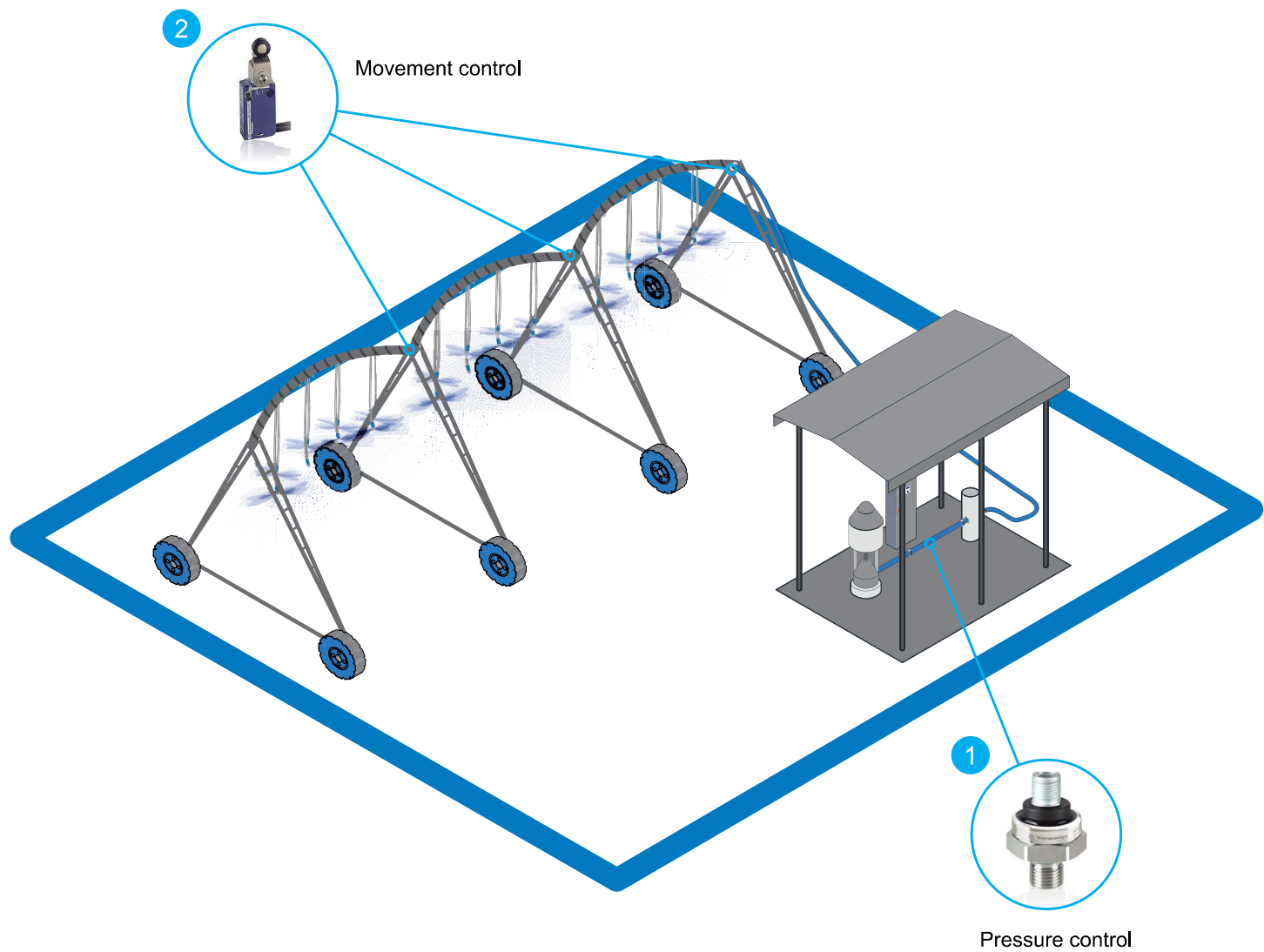
At each power on, all segments of the OsiSense XMLR display briefly light up. This allows the operator to quickly confirm that the display is operating correctly.

Are you looking for an easy way to read and control pressure data when the conduit is hidden from view?

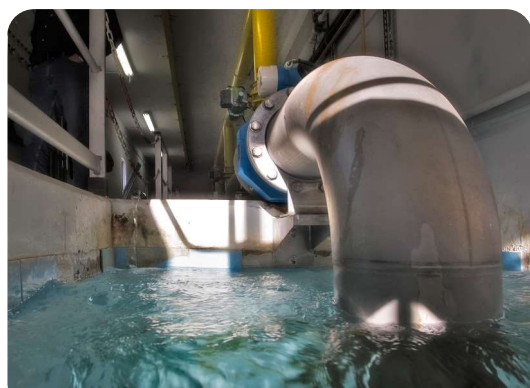


Designed with the same benefits as the OsiSense XMLR in mind, discover the OsiSense ZMLP, the simple switch with display that can be linked to a separate pressure transmitter, delivering a clear view of accurate pressure information even if the conduit runs in a hard-to-access location.

# > Irrigation

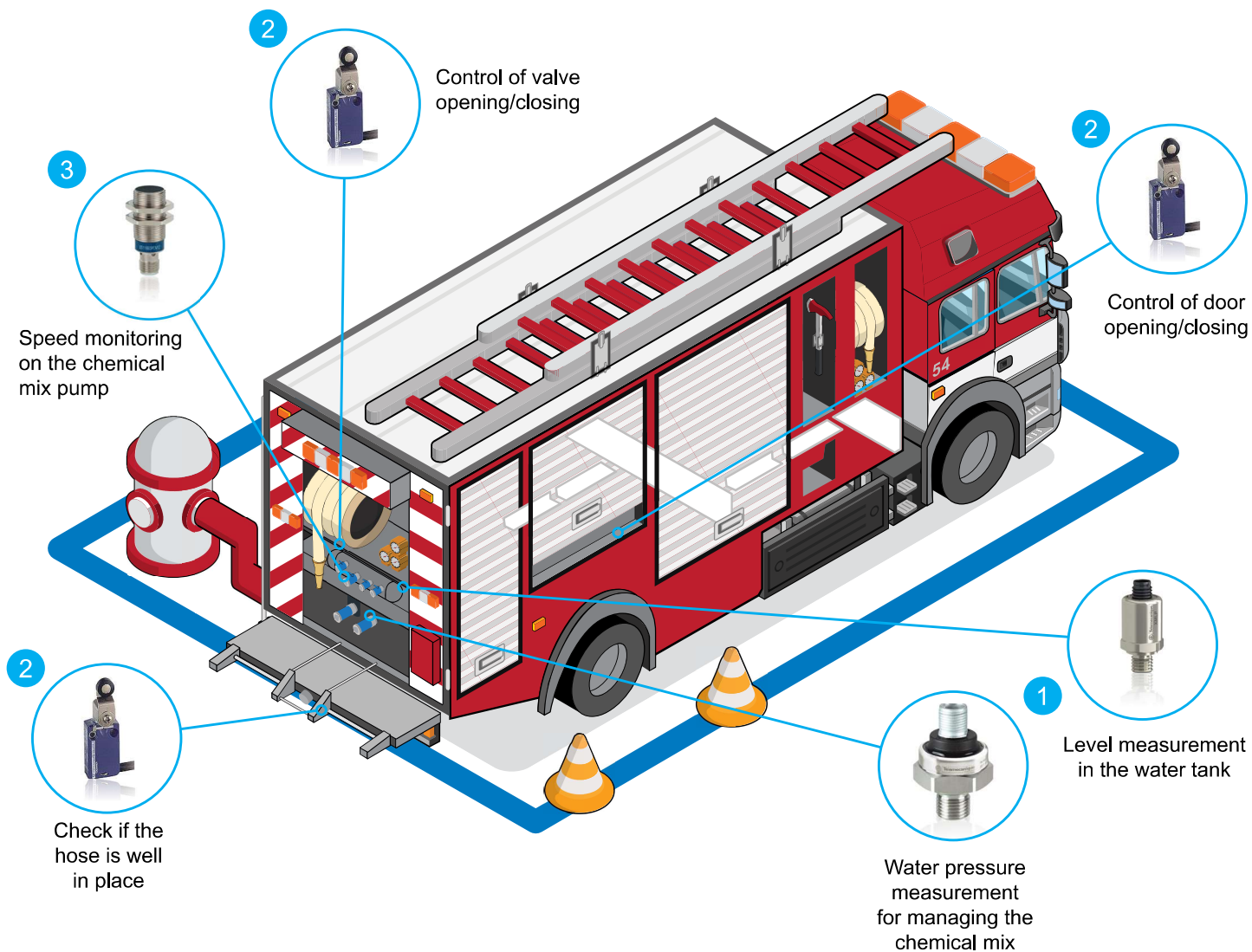


- |   |               |   |
|---|---------------|---|
| 1 | OsiSense XMLP | Compact body and outstanding robustness |
| 2 | OsiSense XCMD | Metallic miniature limit switch         |





# > Fire truck



1 OsiSense XMLP low/combined pressure

Compactness and accurate product for pressure measurement

2 OsiSense XCMD

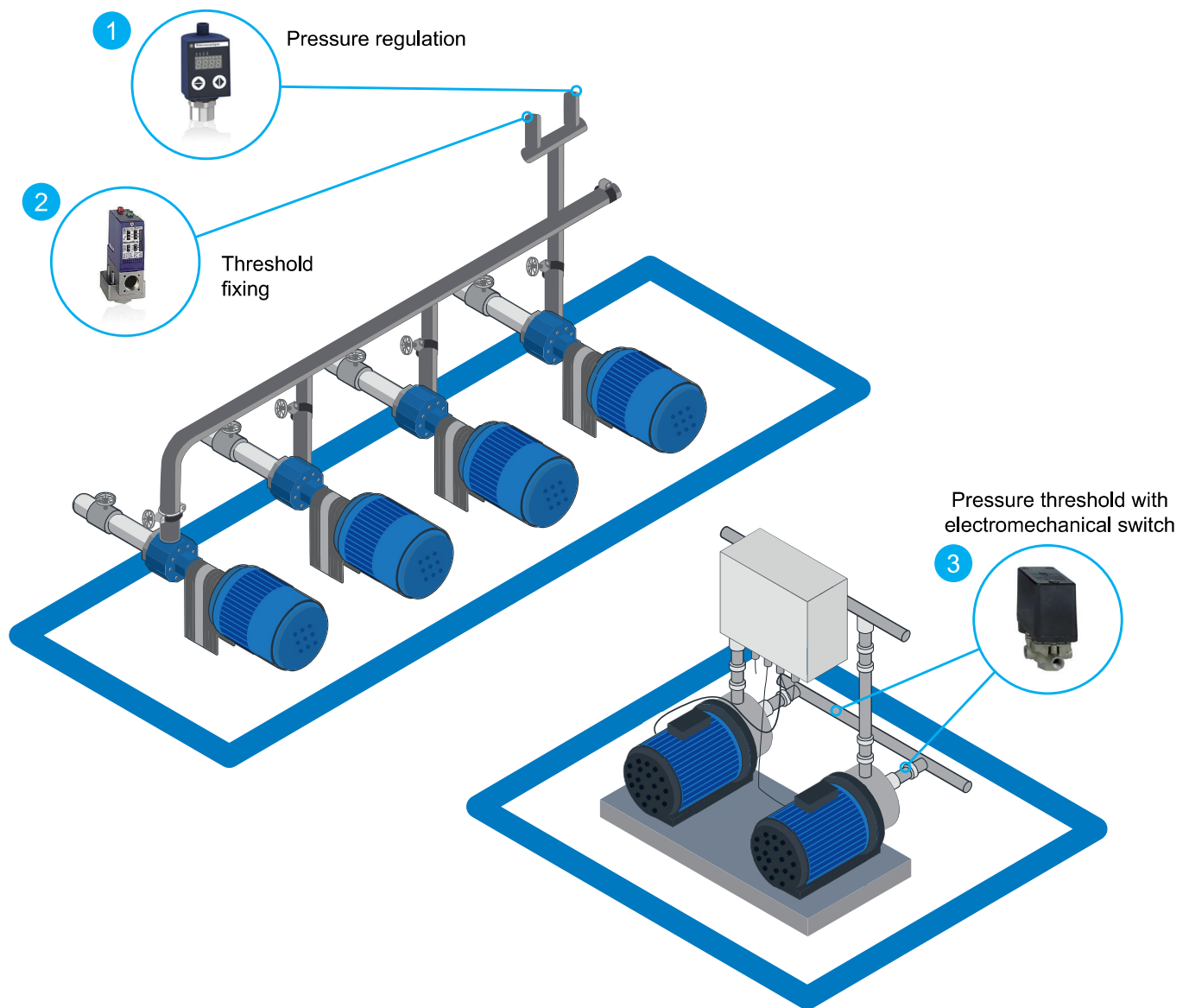
Metallic miniature limit switch

3 OsiSense XS

Inductive sensor dedicated to mobile equipment



# > Lifting and boosting station



1 OsiSense XMLR

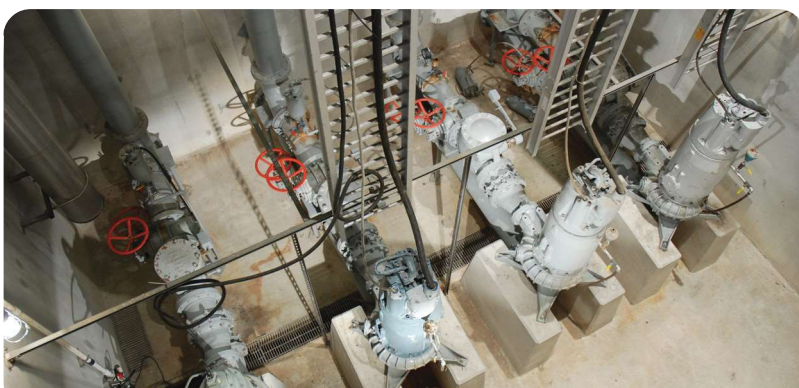
Electronic pressure switch easy to configure

2 OsiSense XMLA or XMX

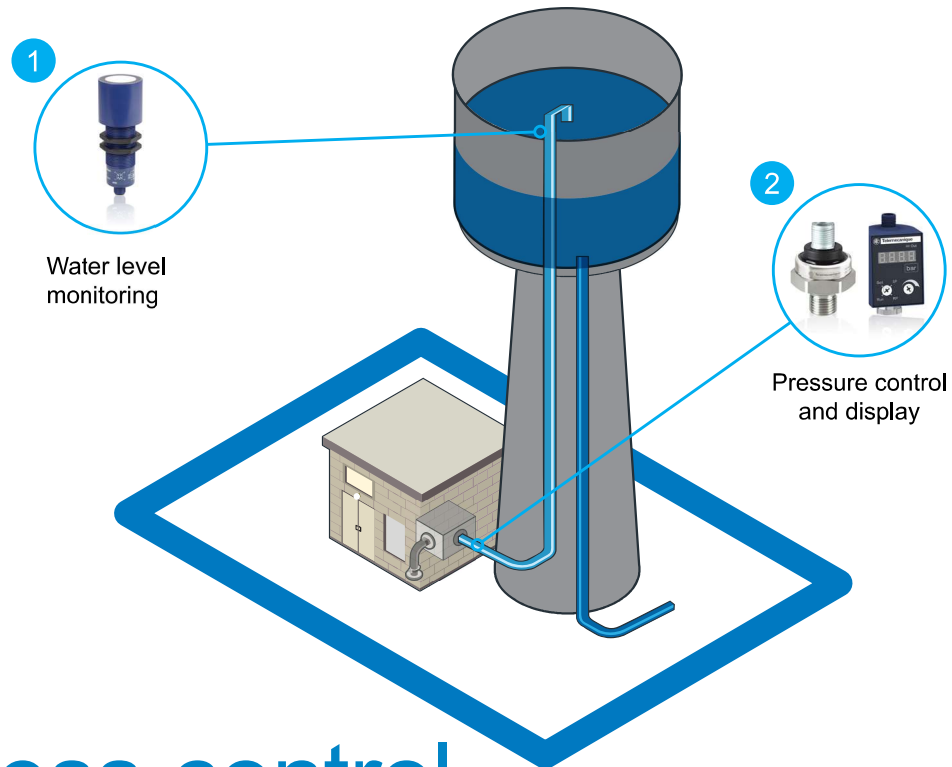
Simple regulation between two thresholds; XMLA especially designed for harsh environments

3 OsiSense XMP

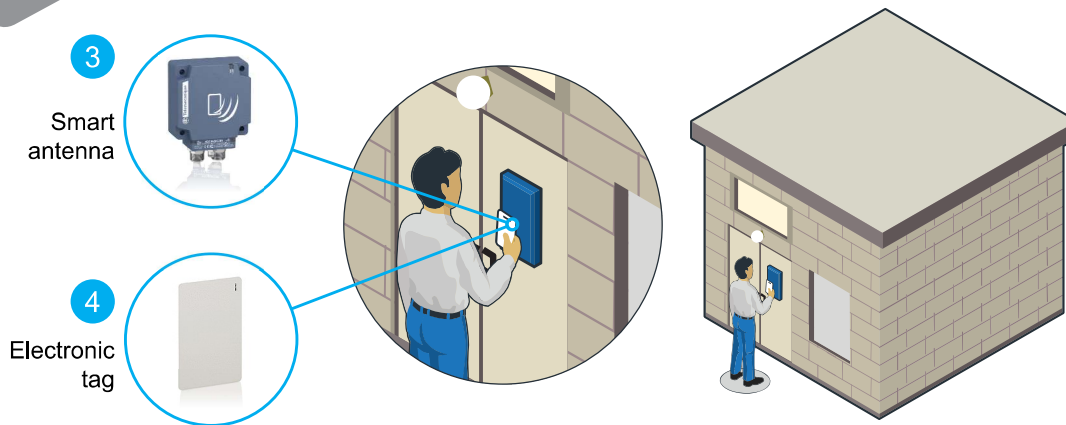
Direct Power switching up to 3 kW



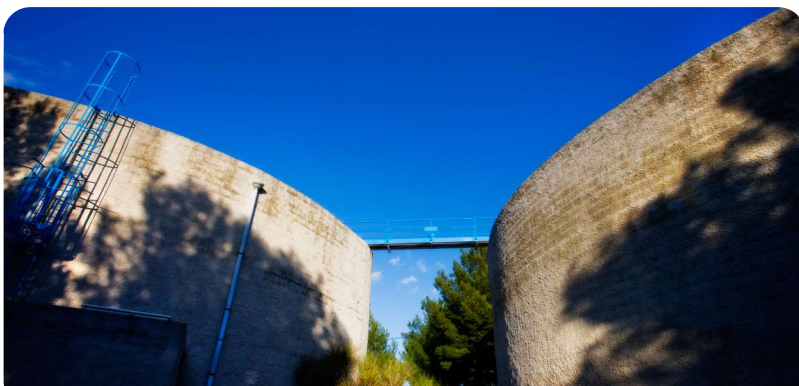
# > Water storage facilities



# > Access control



- |   |                      |   |
|---|----------------------|---|
| 1 | OsiSense XX 930      | Long distance level monitoring with ultrasonic technology |
| 2 | OsiSense XMLP + ZMLP | Easy adjustment and easy reading of pressure information  |
| 3 | OsiSense XGCS        | Robustness for outdoor environment                        |
| 4 | OsiSense XGHB        | Traceability for enhanced security                        |





# Choose the best-suited product for your application

## Ultrasonic sensors



Nominal sensing distance Sn

M30

1 m

2 m

8 m

2 emptying levels  
2 filling levels

PNP NO function  
PNP NO function

XX230A10PA00M12

XX230A20PA00M12

XX230A11PA00M12

XX230A21PA00M12

4-wire

Analog

0...10 V output  
4...20 mA output

XX930A1A1M12

XX930A2A1M12

XX930A3A1M12

XX930A1A2M12

XX930A2A2M12

XX930A3A2M12

## Limit switches

Output type

Complete switch  
with steel plunger

Complete switch with  
steel roller lever



Cable 1m

2-pole NC+NO snap action

XCMD2102L1

XCMD2116L1

Cable 1m

2-pole NC+NO slow break

XCMD2502L1

XCMD2516L1

M12 / 5 Pins

2-pole NC+NO snap action

XCMD2102M12

## Inductive proximity sensors



3 wire

PNP — connector M12

short body

XS118B3PAM12

long body

XS618B1PAM12

## Pressure Sensors

4 bar

6 bar

10 bar

12 bar

16 bar

25 bar

Power circuit

2-pole 2NC

XMPA06B2131

XMPA12B2131

3-pole 3NC

XMPA06C2131

XMPA12C2131

Control circuit

1 contact c/o

XMXA06L2135

XMXA12L2135

XMXA25L2135

1 contact c/o

XMLA004A2S12

XMLA010A2S12

2 switching output (PNP)

XMLR010G2P05

XMLR016G2P05

XMLR025G2P05

1 switching output (PNP)

XMLR010G1P75

XMLR016G1P75

XMLR025G1P75

+ 1 analog output (0 – 10 V)

1 analog output (0 – 10 V)

XMLP004GD71F XMLP006GD71F

XMLP010BD71V

XMLP016BD71V

XMLP025BD71V

1 analog output (4 – 20 mA)

XMLP004GD21F XMLP006GD21F

XMLP010BD21V

XMLP016BD21V

XMLP025BD21V

Switch and display for XMLP (for 4 – 20 mA only)

2 switching output (PNP)

ZMLPA2P0SH

1 switching output (PNP) + 1  
analog output (4 – 20 mA)

ZMLPA1P2SH

## Access control



RFID

XG

Communication

Dimension

Smart

Ethernet

80 x 93 x 40 mm

XGCS850C201

antenna

Modbus

40 x 40 x 15 mm

XGCS49LB201



Electronic

Shape

Tag

Badge

54 x 85.5 x 1 mm

XGHB90E340



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Design: BlueLoft  
Print: Schneider Electric  
Photo: Schneider Electric, Fotosearch