OsiSense™ for your mobile lift applications

Telemecanique
Sensors

> Telemecanique Sensors

Making sense of sensors

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Our products

> 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 tightly integrated with many PLC manufacturers, as well as industrial encoders.
> Telemecanique Sensors: known for high quality and superior performance, Telemecanique™ is second to none, and has all the right agency approvals such as IEC, NEMA, CE, CCC, UL, CSA.

Our sales team

> A dedicated Sales team: trained and experienced sales professionals are available to help you with any sensing application.
> Telemecanique Sensors teams: are available for pre and post sales support. We become an extension of your team and we share our expertise with you.

Localized manufacturing

> High-volume manufacturing: manufacturing is located in each of the major markets of Europe, North America and Asia to ensure prompt delivery, and short lead times to our local distribution centres worldwide.
> Regional Flex-Centers enable fast response and quick delivery of customized and specialty product services.

Availability and reliability

> A worldwide supply chain with a network of local distribution centres ensures the availability of Telemecanique Sensors and allows us to be a reliable supplier and partner.

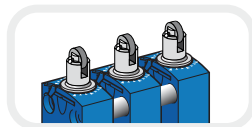# > Choose the best suited product for your applications

Limit switches

	Contact	Connection			
XCKD Metal	NO+NC Snap	M16	XCKD2110P16	XCKD2102P16	XCKD2118P16
		Pg11	XCKD2110G11	XCKD2102G11	XCKD2118G11
XCKP Plastic	NO+NC Snap	M16	XCKP2110P16	XCKP2102P16	XCKP2118P16
		Deutsch	XCKP2110D44	XCKP2102D44	XCKP2118D44
XCKT Plastic	NO+NC Snap	M16	XCKT2110P16	XCKT2102P16	XCKT2118P16
		Pg11	XCKT2110G11	XCKT2102G11	XCKT2118G11
XCMD Metal	NO+NC Snap	1 m	XCMD2110L1	XCMD2102L1	XCMD2115L1
	NO+NC Slow	1 m	XCMD2510L1	XCMD2502L1	XCMD2515L1

Head protection accessory
Ref: XCKZ05

Spacer for mounting multitrack
Ref: XCMZ06

The + of the range

Introducing the only compact, modular switch with a Deutsch connector
**Ref: ZCPED44**

Inductive sensors

		Ø 12 mm	Ø 18 mm	15x32x8 mm	26x26x13 mm	40x40x15 mm
XS	Sensing distance	4 mm	8 mm	5 mm	10 mm	15 mm
DC 3 wires NO	PNP cable	XS112B3PAL2	XS118B3PAL2	XS7F1A1PAL2	XS7E1A1PAL2	XS7C1A1PAL2
	connector	XS112B3PAM12	XS118B3PAM12	XS7F1A1PAL01M8	XS7E1A1PAM8	XS7C1A1PAM8
	NPN cable	XS112B3NAL2	XS118B3NAL2	XS7F1A1NAL2	XS7E1A1NAL2	XS7C1A1NAL2
	connector	XS112B3NAM12	XS118B3NAM12	XS7F1A1NAL01M8	XS7E1A1NAM8	XS7C1A1NAM8

Suitable to machines

Pressure transmitters

XMLP	Hydraulic oils, air, fresh water, sea water, gases		
	-30... +100°C	Analogue 4... 20 mA	
Bars	Psi	DIN connector	M12 connector
100	1450	XMLP100BC22	XMLP100BD22
160	2320	XMLP160BC22	XMLP160BD22
250	3625	XMLP250BC22	XMLP250BD22
400	5800	XMLP400BC22	XMLP400BD22
600	8700	XMLP600BC22	XMLP600BD22

DIN   M12

G ¼ A male
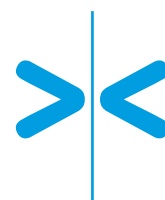
Thin film technology without gasket

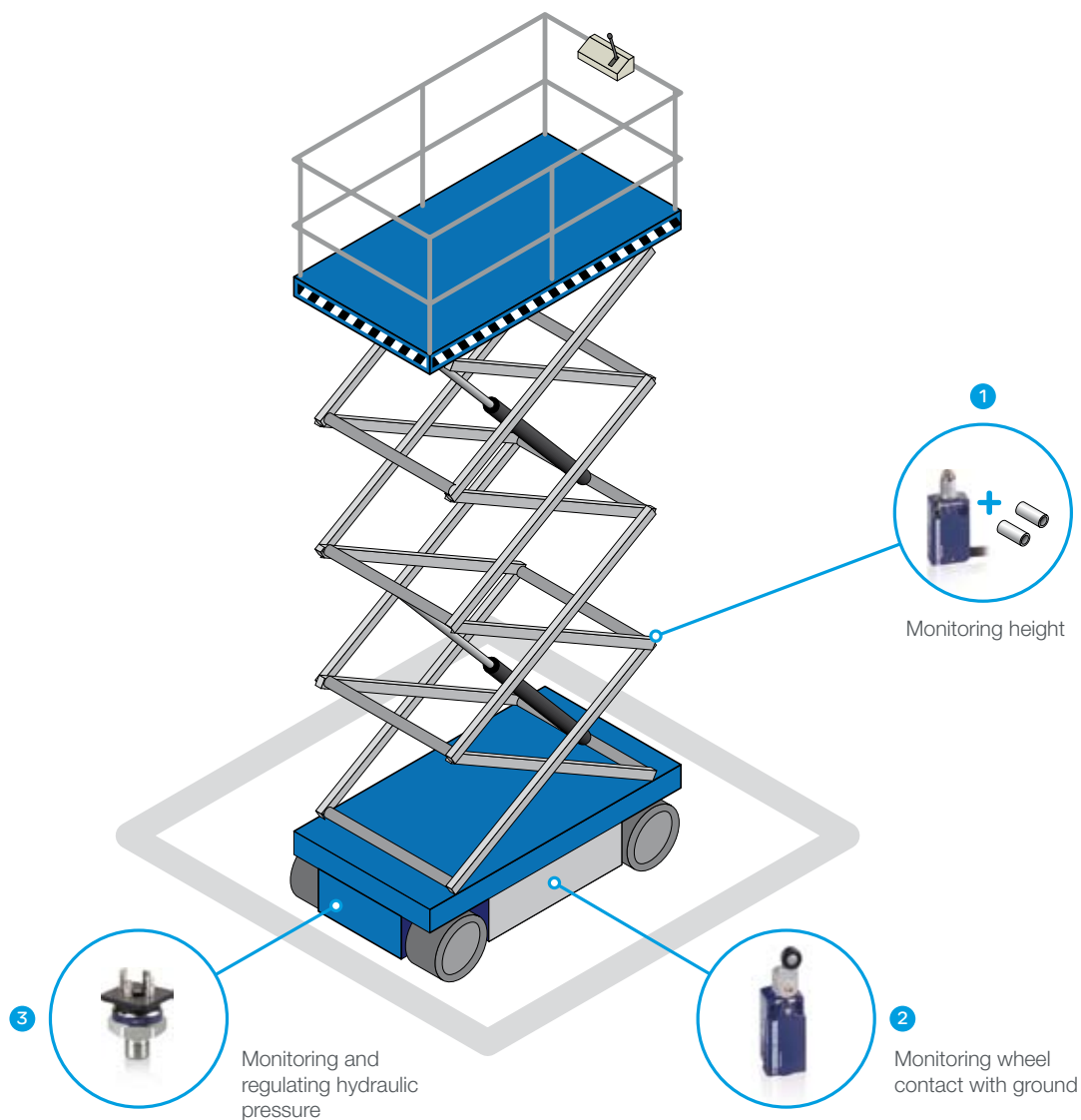Discover our complete offer: **www.schneider-electric.com**, or contact your local sales agency

> Truck loading cranes
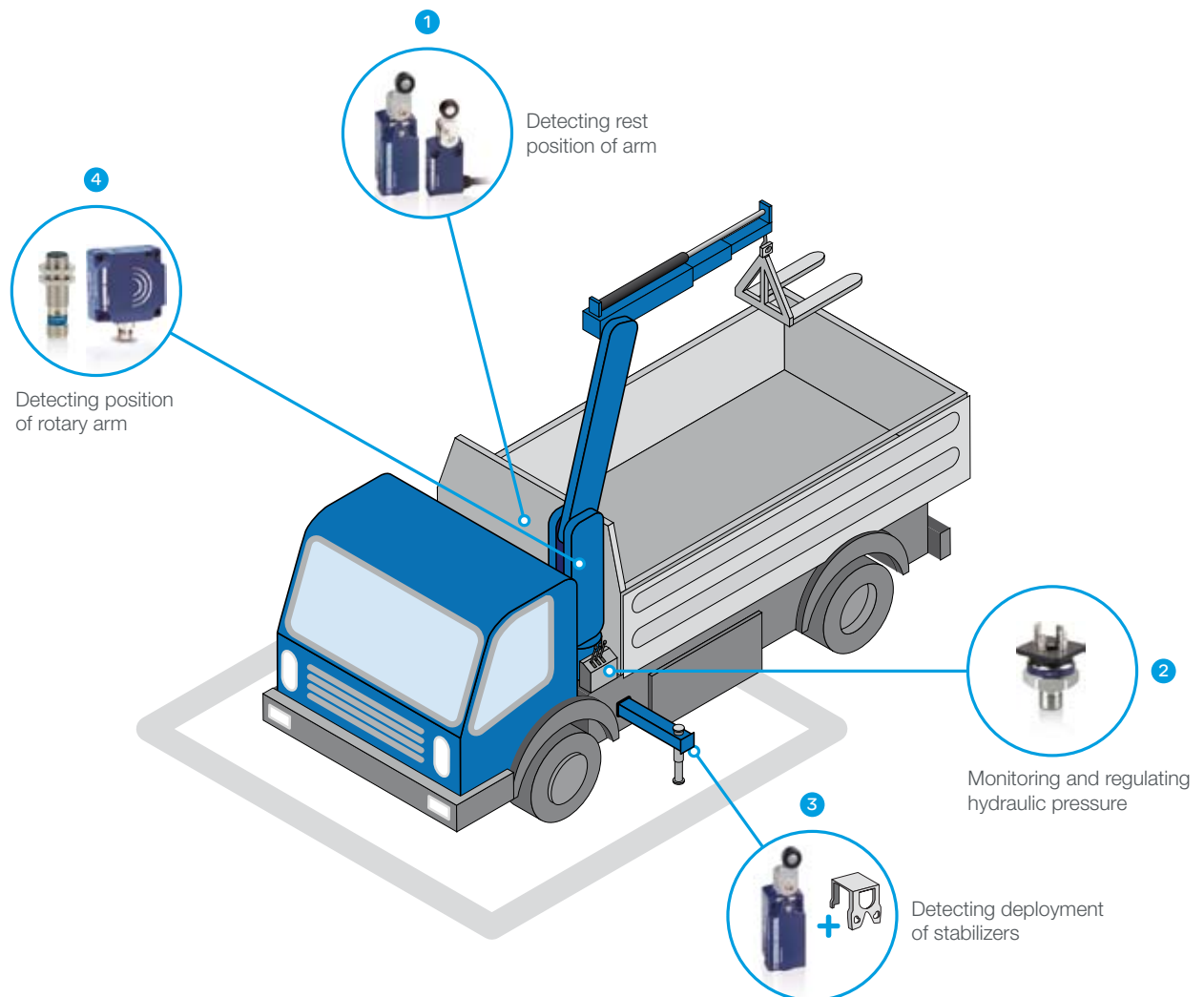
1 — Detecting rest position of arm

4 — Detecting position of rotary arm

2 — Monitoring and regulating hydraulic pressure

3 — Detecting deployment of stabilizers

1	OsiSense XCKP or XCMD	Compactness and modularity of the head for easy mechanical adaptation
2	OsiSense XMLP	Compactness and robustness for reliable regulation
3	OsiSense XCKD+XCKZ05	Robustness for increased resistance to impact and the environment
4	OsiSense XS	Ease of installation and adjustment

> Scissor lift platforms

1 Monitoring height

3 Monitoring and regulating hydraulic pressure

2 Monitoring wheel contact with ground

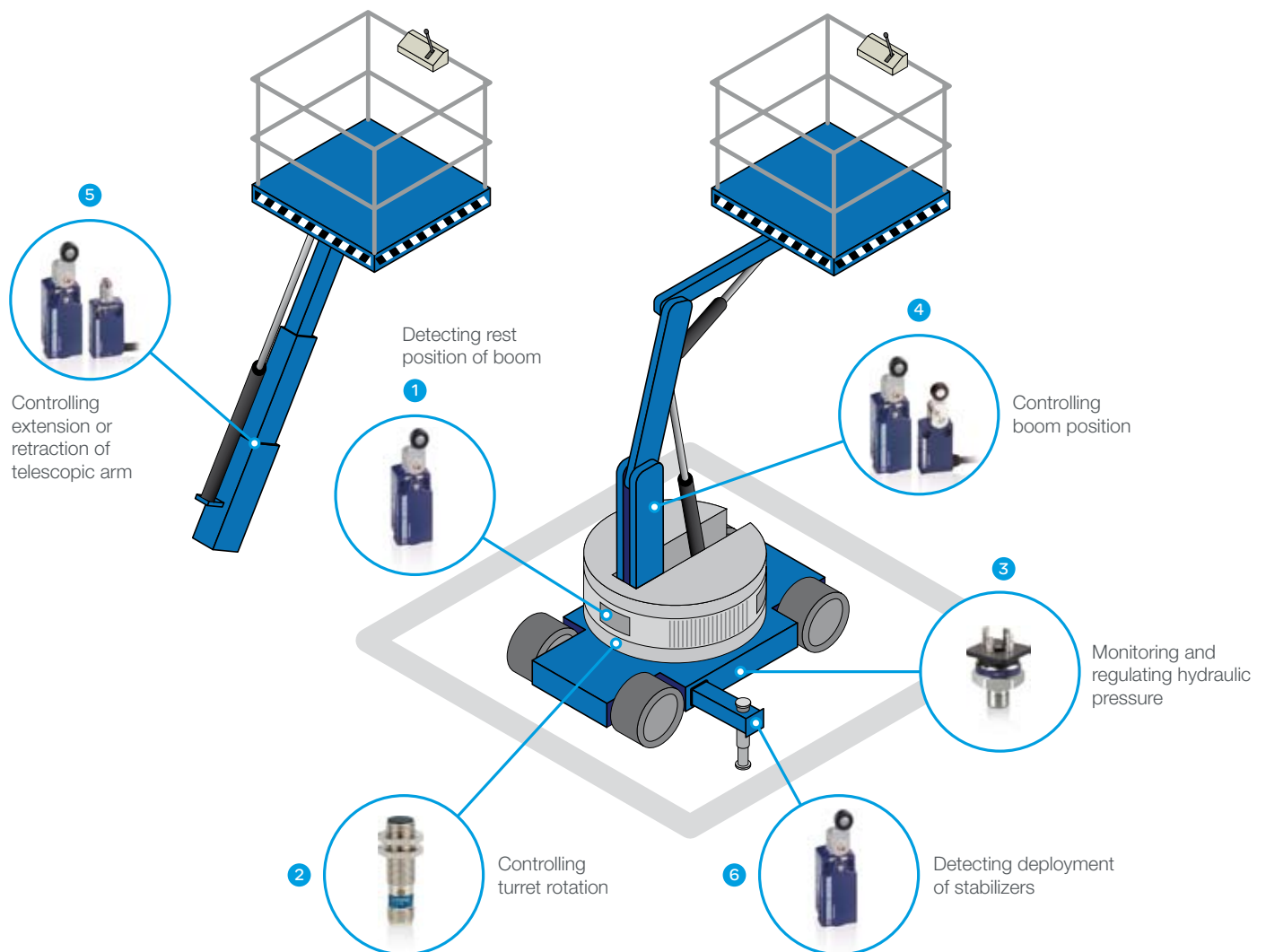| 1 | OsiSense XCMD+XCMZ06 | Compactness and multitrack mounting for detecting the various heights |
| 2 | OsiSense XCKP | Compactness, providing easy mechanical adaptation |
| 3 | OsiSense XMLP | Compactness and robustness for reliable regulation |

Boom lift platforms

Controlling extension or retraction of telescopic arm

5

Detecting rest position of boom

1

Controlling boom position

4

Monitoring and regulating hydraulic pressure

3

Controlling turret rotation

2

Detecting deployment of stabilizers

6

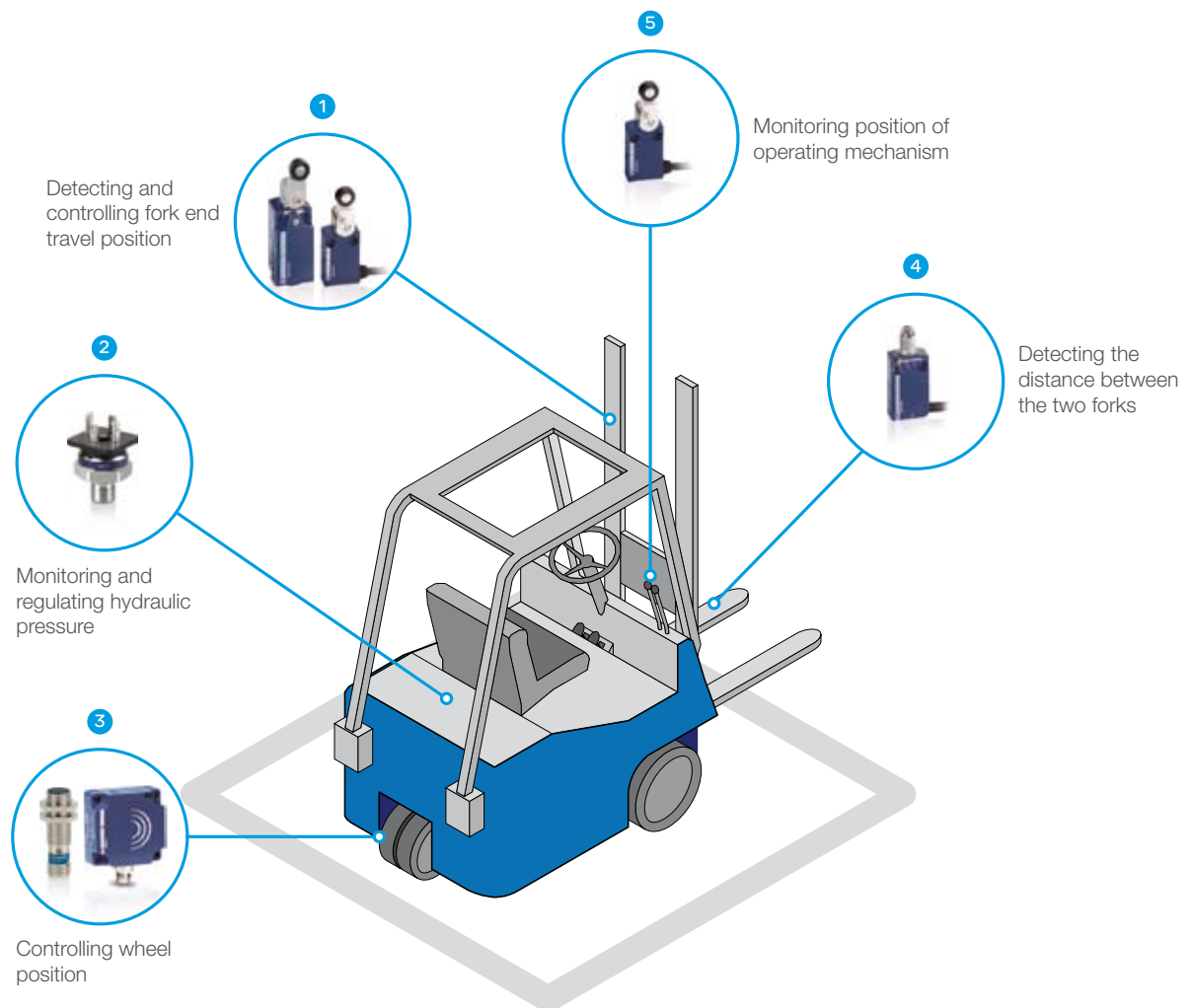|		
1	OsiSense XCKP	Compactness, providing easy mechanical adaptation
2	OsiSense XS	Ease of installation and adjustment
3	OsiSense XMLP	Compactness and robustness for reliable regulation
4 | 5	OsiSense XCKP or XCMD	Compactness and modularity of the head for easy mechanical adaptation
6	OsiSense XCKD	Robustness for increased resistance to impact and the environment

> Fork lifts

1 Detecting and controlling fork end travel position

5 Monitoring position of operating mechanism

4 Detecting the distance between the two forks

2 Monitoring and regulating hydraulic pressure

3 Controlling wheel position

1	OsiSense XCKP or XCMD	Compactness and modularity of the head for easy mechanical adaptation
2	OsiSense XMLP	Compactness and robustness for reliable regulation
3	OsiSense XS	Ease of installation and adjustment
4	5	OsiSense XCMD	Compactness and wide choice of heads for easier integration

Schneider Electric Industries SAS