Xylem |ˈzīləm|

1) The tissue in plants that brings water upward from the roots;
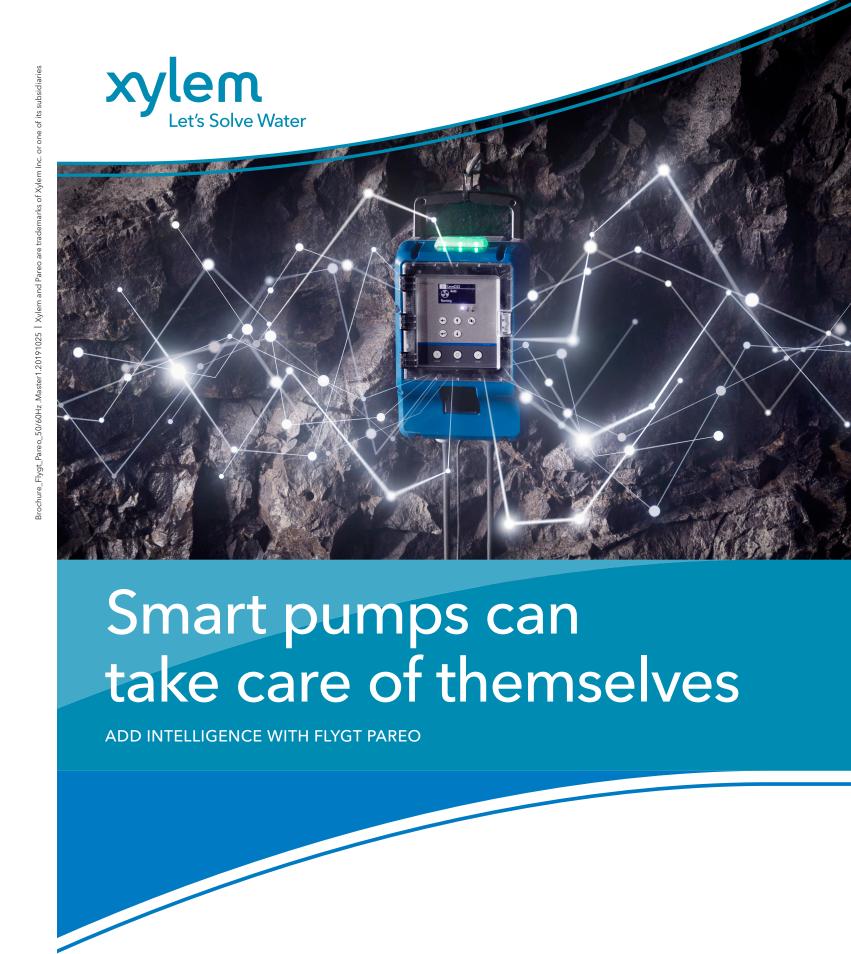2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com

FLYGT

www.xylem.com/flygt

Flygt Pareo is compatible with
the range of Flygt dewatering pumps.

xylem
Let's Solve Water

xylem
Let's Solve Water

Smart pumps can take care of themselves

ADD INTELLIGENCE WITH FLYGT PAREO

FLYGT
a **xylem** brand

Flygt Pareo:
Visionary performance

You don't want to lose sleep over dewatering. In fact, you probably don't want to think about it at all. That's why we've created Flygt Pareo, a solution that lets you add intelligence to most Flygt dewatering pumps.

Now your pumps can think for themselves and solve common issues automatically. It's not just convenient – you can reduce pump wear by 70% as well as halving maintenance costs.

Building on success

Pareo is the result of decades of global leadership in submersible pumping and monitoring and control systems.

For you, it means hassle-free dewatering and the lowest possible cost of pump ownership.

Smart pumps can…

Minimize wear and reduce maintenance costs
Up to 70% due to built-in snoring and automatic rotation control

Boost reliability
Built-in motor protection regarding amperage, temperature, phase imbalance/loss and over/under voltage.

Improve visibility
Status indication on the Pareo unit and in the app, as well as improved web visibility.

Optimize management
Easy access to data plate, running data, alarm logs and monitoring of pump fleet.

Self-correct
Pareo enables an automated response to many of the most common issues. In case of snoring, the pump automatically shuts off. Rotation direction is automatically corrected, and thermal and voltage protection are built-in.

In tune with your operation

Pump-mounted sensors connect with the Pareo unit, which has Bluetooth, WiFi modem capabilities. You have control via a smartphone app, and Pareo can also be connected to a SCADA system.

- Communication via Bluetooth, WiFi and modem

- Smartphone app for monitoring, control and alarms via Bluetooth

- Ready for SCADA integration

- 24/7 pump surveillance via the Xylem.com website

Built-in protection:
- Amperage
- Temperature
- Phase imbalance/loss
- Over/under voltage

LED lamp for clear status indication

Now you can monitor your drainage pumps together with your other equipment via the SCADA system.

Smartphone app for remote control of the pump and access to pump identity and running data.

Modem connection enables 24/7 pump surveillance wherever you are via the Xylem.com website.

Built-in snoring detection and automatic rotation control to reduce wear.

Thermal contacts as standard for protection against overheating.

Water leakage sensor available for some pump models.

Technical data

	Pareo Small	Pareo Large	Kits
	Pump rating		
Voltage (3-phase only)	200–690 V 50/60 Hz	200–690 V 50/60 HZ	200–1000 V 50/60 HZ
Current	Up to 24 A	20–38 A	Up to 250 A
	Functions and features		
Automatic rotation control	√	√	√
Snore control (Similar to Flygt FPC80/100 product)	√	√	√
Float switch control	Optional (Interface on pump and Pareo Box)	Optional (Interface on pump and Pareo Box)	Optional (Interface on pump and Control module)
Phase imbalance/loss protection	√	√	√
Overload protection	√	√	Optional (Not part of kit)
Thermal protection	√	√	√
Water leakage detection for pumps with sensor	√	√	√
Pump ID and rated performance stored in pump memory and Pareo Box	√	√	√
Running data log stored in pump and Pareo box	√	√	√
Pump communication	√ (To / from Pareo box)	√ (To / from Pareo box)	√ (To / from Control module)
Smartphone communication via Bluetooth	√	√	√
SCADA (TCP Modbus) communication via WIFI	Optional	Optional	Optional
HMI: LCD display and buttons	√	√	√
Lamp indication of pump status	√	√	√
	Other data		
Pareo Box dimensions (H x W x D)	476 x 254 x 209 mm	523 x 279,5 x 209 mm	N/A
Pareo Box weight	~ 9 kg	~ 12 kg	N/A
Enclosure	Pareo Box : IP65	Pareo Box : IP65	Control module : IP65
Certifications / markings	CE, CB, CSA, UL	CE, CB, CSA, UL	As required / accompanying