Aplix Press Release

Water flow sensors of Digmesa in Switzerland newly supported by "HARPS™"
– Information from a water flow sensor can be transmitted
to the Internet immediately upon installation –

This is to announce that as of today Aplix Corporation (headquartered in Shinjuku-ku, Tokyo, Representative Director Kengo Nagahashi, hereinafter "Aplix") engaging in development of solutions for IoT (Internet of Things) products added two types of water flow sensors made by Digmesa AG in Switzerland ("Digmesa") to the sensor lineup supported by "HARPS™" as the standard. As both sensors are supported as "HARPS" standard, "HARPS" users can begin monitoring the use status of filters and the time to exchange them over the Internet, simply by purchasing these sensors from Digmesa and installing them in a water purifier[1].

"HARPS" is an all-in-one package for IoT-capable water treatment systems developed and offered by Aplix. "HARPS" contains a device "IoTIZR™" to send information on a sensor to the Internet, smartphone app, dedicated cloud service, etc. "HARPS" has been offering the "water flow and time surveillance" and "customization" services in Europe and the U.S. since April 1, 2018[2]. The "RO membrane performance surveillance" service is to begin at the end of June 2018, and "HARPS" is to be launched in Japan in summer 2018.

Digmesa is a manufacturer of water flow sensors with a history more than 30 years in Switzerland. Quality and reliability of Digmesa's water flow sensors are highly evaluated by every industry in the world. "FHKU 30 G3/8" Grivory" and "FHKU 70 G3/8" Grivory," water flow sensors supported by "HARPS" as the standard at this time, use polyamide resins to which glass fibers are added to withstand long-term use and heat, and dedicated "HARPS" part numbers are assigned.

By installing "FHKU 30 G3/8" Grivory" or "FHKU 70 G3/8" Grivory" to a water purifier along with "IoTIZR," it is possible to immediately begin using the "water flow and time surveillance" service to monitor the use status of filters in the water purifier and the time to exchange them as well as to record the volume of water use per defined period of time[1].

Aplix will continue to expand the types of sensors supported by "HARPS" and service offering in the future for easier and faster IoT capability of customers' water-related products and services.

FHKU 70 G3/8″ Grivory 938−A970/LE72

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Digmesa's water flow sensors supported by "HARPS"

Product Name and Part number	FHKU 30 G3/8" Grivory 938-A930/LE72	FHKU 70 G3/8" Grivory 938-A970/LE72
Flow rate	0.16 - 5.05 l/min	3.5 - 18.0 l/min
Measuring accuracy	+/- 2.0%	
Temperature range	-10°C to +65°C	
Pressure range	20 bar at 20°C	
Nozzle size	Ø 3.0mm	Ø 7.0mm

For more detailed specifications and purchase, please contact the following inquiries.

Inquiry on water flow sensors

Company name	Digmesa AG
Contact person	Helmut Boesiger
Email address of contact person	helmut.boesiger@digmesa.com
Telephone number of contact person	+41 32 332 77 07
Website	http://www.digmesa.com/

*1 Please refer to the "Quick Start Guide" on the HARPS website for installation of water flow sensors and "IoTIZR" as well as for the process until start of service utilization.　Sensors other than those supported by "HARPS" as the standard can be used with "HARPS" by separately executing a contract for "customization" service.

*2 For details on "HARPS," see the Aplix press release dated March 26, 2018 entitled "Launch of All-In-One Package "HARPS" for IoT-capable Water Treatment System on April 1" and HARPS Web site.

■About Aplix Corporation

The mission of Aplix Corporation is to use the power of software to bring happiness to everyone in the world. Following the success of JBlend, which opened a new frontier for Java on mobile phones, we are currently developing the field of IoT.　By supplying IoT solutions from IoT modules (beacons), smartphone apps to cloud services, we aim to advance the transition of household appliances and other products to being IoT-ized devices and in doing so, realize our concept of "enriching people's lives with notifications from things."

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