

Fluid Inventory Control Nex-U® U-valve & U-valve Power+

U-valve is a compact unit combining a high accuracy pulse meter, a solenoid valve and a large cleanable fluid screen filter with an electronic module. This module is required to control the meter and valve operation and to communicate with other system components.



Features

- Reduces installation time and eliminates the risk of leaks when using separate components
- It has a large, high visibility LED display which shows the U-valve number assigned in the system and the U-valve operation
- Four different LED lights that show the U-valve operation for diagnosis and two buttons for system configuration
- U-valve supports CAN BUS cable communication that transmits data and the electric power required to open the solenoid valve and Bluetooth® connection to a U-vision or a U-vision+ fluid handle with display
- U-valve+ includes Wi-Fi® communications for data transmission to other system components

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COMPONENT TECHNICAL DATA

Function	- Controls on/off function - Dispense flow controls and monitors - Communicates data to U-net system
Requirements & Limitations	Requires U-power or U-power+ power supply units
Power	U-valve and U-valve+ require 24 V DC supplied by a U-dat or a U-power module
Service Bulletin	SB 3802

MODEL AVAILABLE

3110-115	U-valve meter, solenoid valve and electronic module. Includes Bluetooth® communication for connecting to a U-vision or U-vision+
3110-114	U-valve+ meter, solenoid valve and electronic module. Includes Bluetooth® connection to a U-vision or U-vision+ and Wi-Fi® for data transmission to other components in the system

PRODUCT SPECIFICATIONS

WETTED PARTS	Aluminium, NBR, stainless steel, acetal
APPLICATIONS	Lubricants, antifreeze solutions * if fluid additives are used, it is recommended to install stainless steel pulse meter and stainless steel solenoid valve
CONNECTION THREADS	1/2" NPT(F)
FLOW RANGE	1-32 qt/min (1-30 l/min)
PULSES PER QUART	310 ppq (328 ppl)
ACCURACY	+/- 0.5 %
MAXIMUM WORKING PRESSURE	1,450 psi (100 bar)
SOLENOID VALVE	24 V DC
COMMUNICATION	CAN BUS, Bluetooth®, Wi-Fi® (U-valve+ only)