

Products: Editor's Choice

Immersion RTD sensors



Durex Industries has introduced RTD temperature sensors designed for liquid or semi-solid immersion applications. The protective housing is of 304 SS or 316 SS, depending on the process material. The design is suitable for reaching 5000 psi. Various lead wire materials and constructions can be used for abusive environments of UL/CSA requirements. Lead wire configurations are available in 2-, 3- and 4-wire designs. Tolerances for RTD assem-

blies conform to DIN 43760, IEC 751, (class A and B) and JIS 3920 specifications.

durexindustries.com

Info Card 394

Light actuation switches



Keypad has light actuation force switches SimTouch keypads from White Electronic Designs Corp. integrate light actuation force switches using innovative conductive ink switch technology. SimTouch keypads are said to emulate the light responsiveness of capacitive touch switches at a fraction of the cost. The keypad products are UL recognized.

whiteedc.com

Info Card 393

High pressure syringe pump



The KDS 410 high pressure syringe pump from KD Scientific can be triggered remotely by a foot pedal or a switch. It can also be connected to a computer through the RS 232 interface to permit feeding of the animals with minimal interference. The unit, with its 230 lb of linear force, is also suitable for delivery of flow to chemical reactors or for viscous fluids being fed into aerosol nozzles. The pump is capable of pushing 2, 4, 6 or 10 syringes simultaneously and works with syringes from 10 µL up to 140 mL to provide ac-

curate flow delivery from 1 nL/min to 145.5 mL/min.

kdsscientific.com

Info Card 395

Analog system wire adapter



The Phoenix Contact Mini MCR-SL-V8 FLK 16-A analog system adapter is said to offer a new type of plug-in concept that drastically reduces wiring times. The signal converters of the Mini Analog product range let users plug the system cables directly into the controllers. Compared to single-core PLC wiring, the plug-in concept also greatly reduces the potential for human error. The system adapters' wide range of certifications means they can be used in Ex Zone 2 environments.

phoenixcontact.ca

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Miniature cam lock



Southco has announced CM mini cam locks for small enclosure doors and limited-space applications. The line includes a wing style for hand-actuated operation, as well as a keylocking style for more secure access control. These cam locks are available in sizes as small as 21.5 mm long and 16.4 mm from centreline to end of cam, with a 14.9 mm diameter flange on the front of the door panel. Units are compatible with door panels up to 7.5 mm thick.

southco.com

Info Card 373

Integrated motion control

The MDrivePlus product line from Intelligent Motion Systems, with its technology combining motor, driver, controller and encoder, has introduced the MDrive14Plus Motion Control using a NEMA



size 14 brushless 1.8° motor and measuring 48 x 36 x 52 mm. The product includes a programmable controller. The unit includes up to eight 5 to 24 V general purpose I/O lines, one 10 bit analog input, 0 to

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