Emerson’s TopWorx™ valve controllers provide reliable position indication at new petrochemical complex

RESULTS

• Developed a cost-effective turnkey Emerson solution
• Offered a standard discrete valve controller for valve position indication
• Fulfilled the customer’s reliability requirements
• Provided local technical support

APPLICATION
Propane to Polypropylene Conversion

CHALLENGE
As part of a large greenfield petrochemical project, a chemical manufacturer required discrete valve controllers on the process valves for position switching, visual indication, and solenoid termination. The facility will convert locally sourced propane into 525,000 tons per year of polypropylene. The customer desired a total package of highly reliable products at a competitive cost.

SOLUTION
Emerson leveraged the combined strength of its product lines to win the petrochemical producer's business. The Emerson technical team met all the customer’s requirements for valve position indication and switching by standardizing on one model — the TopWorx DXP discrete valve controller. The DXP model operates in the most demanding environmental conditions and carries a variety of hazardous area certifications. It is compatible with virtually all linear and rotary valves and actuators, plus can communicate across any bus network. The customer also valued TopWorx's reputation for reliability and Emerson’s strong technical support.