

SMART VALVE — HOW THEY WORK

SMART VALVE [™]/ ROV*

*Remote Operated Valves

A SEALED WATERPROOF ELECTRONIC CIRCUIT BOARD UNDER THE VALVE HANDLE HAS TWO HALL EFFECT SENSORS WHICH REACT TO A MAGNET IMBEDDED IN THE UNDER SIDE OF THE HANDLE. WHEN THE HANDLE IS IN THE 'VALVE CLOSED' POSITION THE SENSOR FOR THAT POSITION CAUSES THE RED LED TO ILLUMINATE WHEN THE DISPLAY SWITCH IS PRESSED. SIMILARLY A 'VALVE OPEN' POSITION IS IDENTIFIED BY A GREEN LED .

THE SMART VALVE SYSTEM OPERATES ON 12VDC AND DRAWS POWER ONLY WHILE THE DISPLAY SWITCH IS BEING PRESSED UNLESS ORDERED AS "ALWAYS ON".

THE ADDITION OF THE "ROV" FEATURE ALLOWS ANY SMART VALVE TO BE CONTROLLED WITH THE PUSH OF A BUTTON FROM THE HELM STATION OR ANY LOCATION YOU CHOOSE.

NOTE: "SMART" or "ROV" feature **CANNOT** be retrofitted to existing valve. For new installations only.

