



Dual Display Monitor with Beacon® and TouchSet® Cams

AccuTrak® 2000

General Purpose/Explosionproof

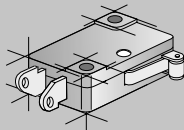
High Visibility Position Monitoring

The AccuTrak 2000 is designed to enable the process engineer to add as much feedback from a control valve as the situation requires. The NEMA 4, 4x, 7, 9 rated aluminum enclosure is equipped with two mechanical switches and a Beacon high visibility monitor for instant recognition of valve position up to distances of 150 feet. A unique self-locking, spring-loaded TouchSet cam mechanism allows for instantaneous hand setting of limit switches requiring only five seconds each. A pre-wired numbered and color coded terminal block provides ease and convenience of wiring. Optional analog transmitters provide full

range monitoring of valve position throughout a 0-100% range. Point to point limit switch signalling combined with continuous on-site visual monitoring and optional analog output are all available in one compact UL/CSA enclosure.



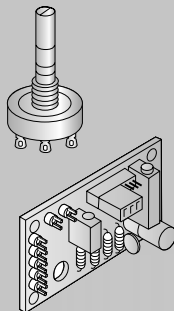
Standard Sensor Options



Micro-Switch V3

AMPS	SPDT (V3)		DPDT (Licon)	
	VAC	VDC	AMPS	VAC
15	125		10	125
15	250		10	250
10		24		
.50		125		
.25		250		

0-100% Position Transmission



Resistive Output Signal

Standard Output Signal	1000 ohms
Power Rating at 70°C	1 watt
Elements	Conductive Plastic
Rotational Life (no load)	100,000 cycles

Current Output Signal

Standard Output Signal	4-20 mA DC, 2 wire
Power Requirements	5-38 VDC
Max. Load Resistance at 24 VDC	950 ohms
Operating Temperature	-24°C to 85°C

BULLETIN NO. AR-13.00



AccuTrak® 2000

AREA CLASSIFICATIONS

NEMA 4, 4x, 7, 9
Class I, Groups C, D
Class II, Groups E, F, G,
Divisions 1 & 2

ENCLOSURE

Conduit Entries	NEMA 4: (1) 1/2" NPT
Terminal Strip	NEMA 4, 4x, 7, 9: (2) 3/4" NPT
Terminal Strip	8 contacts standard
Terminal Strip	16 contacts available

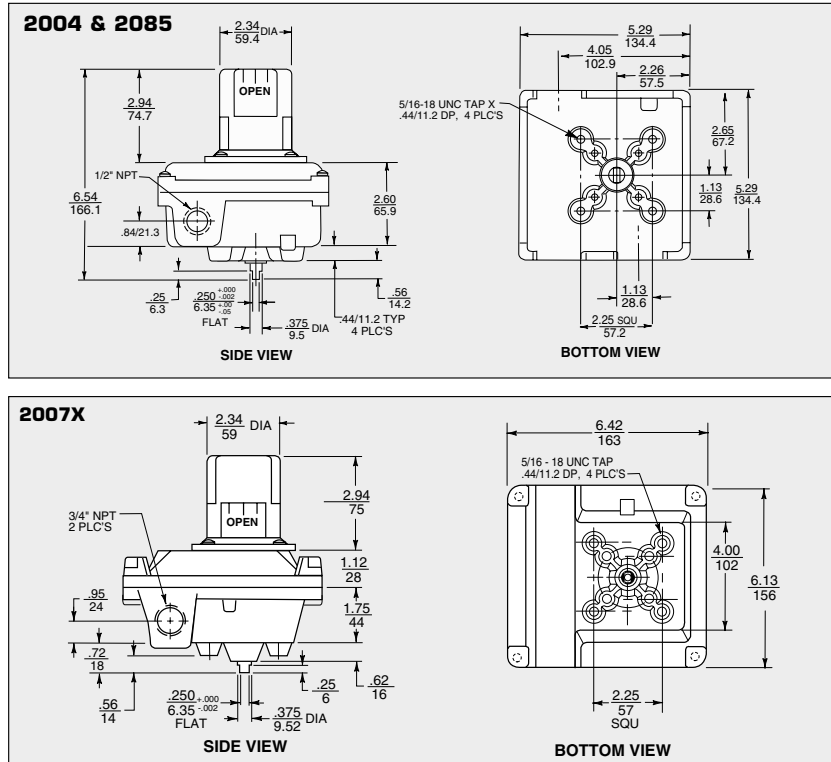
MATERIALS OF CONSTRUCTION

Housing	Die Cast Aluminum
Cover	Die Cast Aluminum
Coating	Polyurethane
Shaft	Stainless Steel
Fasteners	Stainless Steel
Beacon	Copolyester


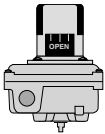

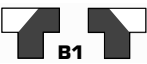

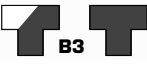


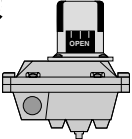

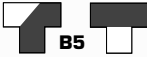



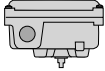


APPROVALS / CERTIFICATION

UL (Underwriters Laboratories, Inc.)
CSA (Canadian Standards Association)

DIMENSIONS (inches /mm)



ORDERING GUIDE

ENCLOSURE	BEACON™	3-WAY BEACON™	TRANSMITTERS
2004 2 SPDT Mechanical Switches NEMA 4, 4x  	STANDARD (Black & Yellow) BY 	90° Rotation  B1	1000 ohms RS
	ANSI YELLOW (Inherently Hazardous) AY 	90° Rotation  B3	4-20 mA CS
2007X 2 SPDT Mechanical Switches NEMA 4, 4x, 7, 9 Class I, Grps. C & D Class II, Grps. E, F & G Divisions 1 & 2   	ANSI GREEN (Liquid-Low Hazard) AG 	90° Rotation  B5	
	ANSI BLUE (Gas-Low Hazard) AB 	180° Rotation  B7	
2085 2 SPDT Mechanical Switches NEMA 4, 4x   <p>No output shaft (cannot accept beacon)</p>	ANSI RED (Fire Quenching) AR 	180° Rotation  B9	

Ordering Example: Dual Display Monitor (2 SPDT switches) with standard black and yellow Beacon, 1000 K potentiometer (NEMA-4 enclosure). **2004-BY-RS**

Options Available: 4 SPDT switches (2007X only), 2 DPDT switches, epoxy coatings, anodizing, gold alloy contacts, optional terminal strips, resistive outputs. (Consult Price Sheet)

Westlock reserves the right to change product designs and specifications without notice, and is not responsible for errors and omissions.

