



Dual Display Monitor with Beacon™ and TouchSet™ Cams

AccuTrak™ 2000

General Purpose/Explosionproof

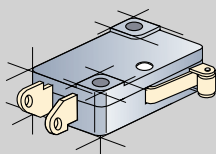
High Visibility Position Monitoring

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.



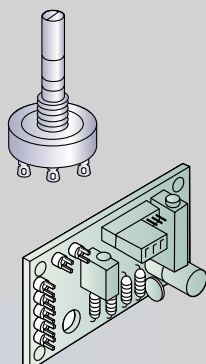
Standard Sensor Options



Micro-Switch V3

SPDT (V3)			DPDT (Licon)		
AMPS	VAC	VDC	AMPS	VAC	VDC
15	125		10	125	
15	250		10	250	
6		24	10		28
.5		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	6.5-33 VDC
Max. Load Resistance at 24 VDC	950 ohms
Operating Temperature	-40°C to 85°C

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

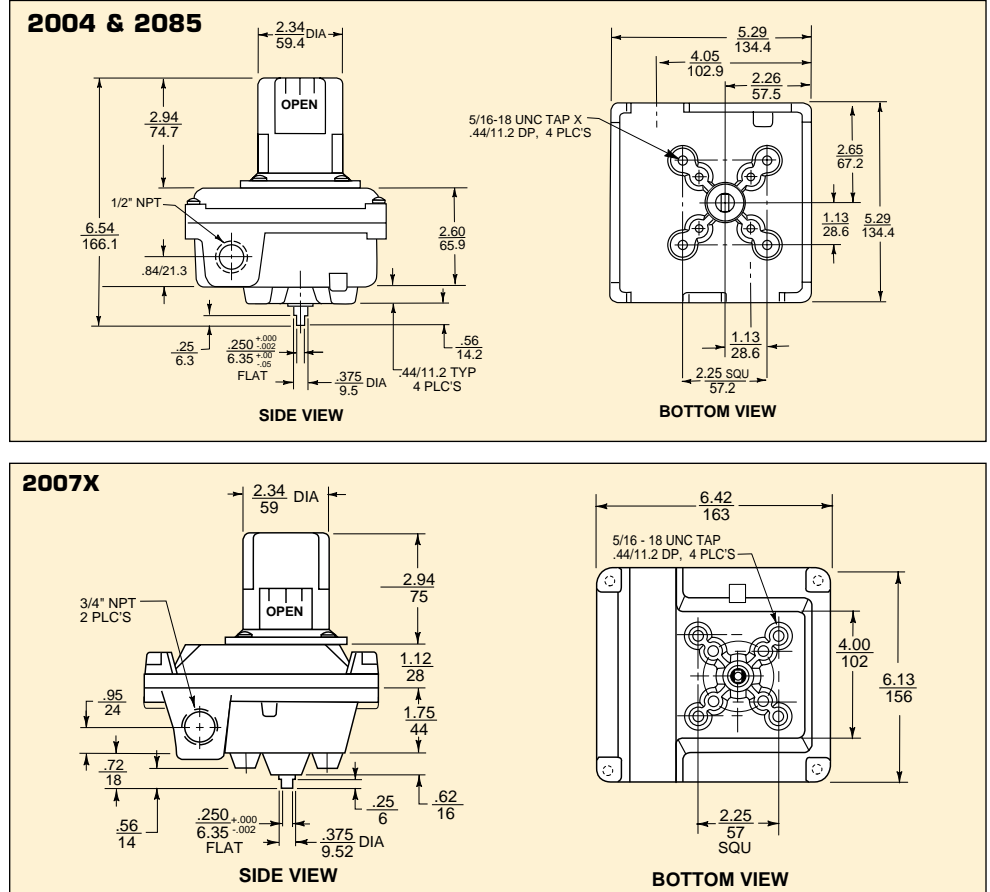
MATERIALS OF CONSTRUCTION

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


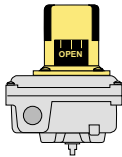

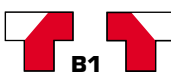




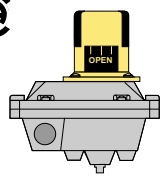







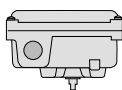
APPROVALS / CERTIFICATION

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 	1000 ohms RS
	ANSI YELLOW (Inherently Hazardous) AY 	90° Rotation 	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 	
	ANSI BLUE (Gas-Low Hazard) AB 	180° Rotation 	
	ANSI RED (Fire Quenching) AR 	180° Rotation 	
2085 2 SPDT Mechanical Switches NEMA 4, 4x   <p>No output shaft (cannot accept beacon)</p>			

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)