

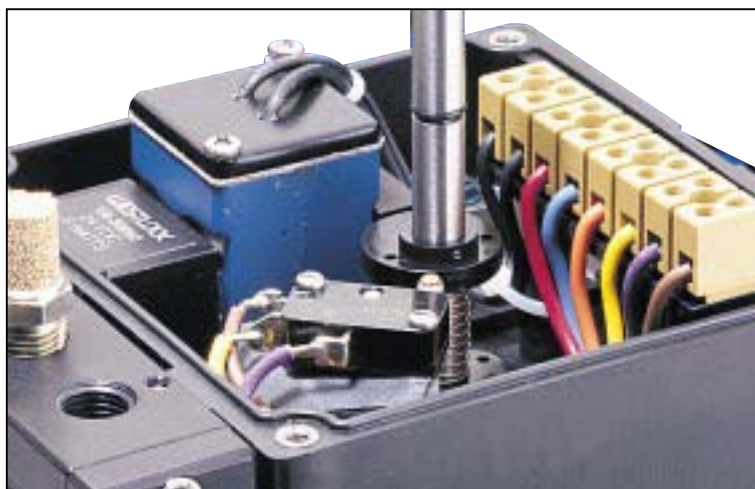


Low Power Control Monitor for use in Non-Hazardous Areas

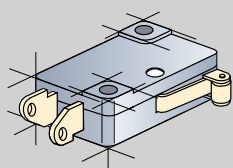
Quantum™ General Purpose

Designed specifically for general purpose applications, position sensors and low-energy Falcon™ solenoid valves are integrated into a single unit adhering to NEMA 4, 4X requirements. Available in engineered resin or aluminum enclosures, the Quantum™ standardly houses two SPDT Form C Micro switches and is available with a wide range of integrated solenoid

valves in both three-way and four-way configurations. Falcon solenoid valves are available in a variety of coil voltages and body materials with stainless steel internals as standard. Cv. values range from .5 to 3.5.

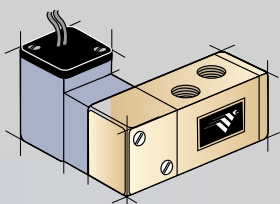


Standard Sensor Options



Micro-Switch V3 SPDT Form C, UL, CSA

AMPS	SPDT (V3)		DPDT (Licon)		
	VAC	VDC	AMPS	VAC	VDC
15	125		10	125	
15	250		10	250	
6		24	10		28
.5		125			
.25		250			



COIL POWER SUPPLY

	COILS			
	24 VDC	120 VAC	125 VDC	220 VAC
Operating Voltage	24 VDC	120 VAC	125 VDC	220 VAC
Wattage	0.5 Watts	4 Watts	0.85 Watts	4 Watts
Operating Current	20 mA	29.5 mA	6.76 mA	19 mA
Coil Resistance	1200 Ohms	610 Ohms	18500 Ohms	2200 Ohms

Quantum™

General Purpose

AREA CLASSIFICATIONS	
NEMA 4, 4x	

ORDERING GUIDE (FALCON™ SOLENOID)

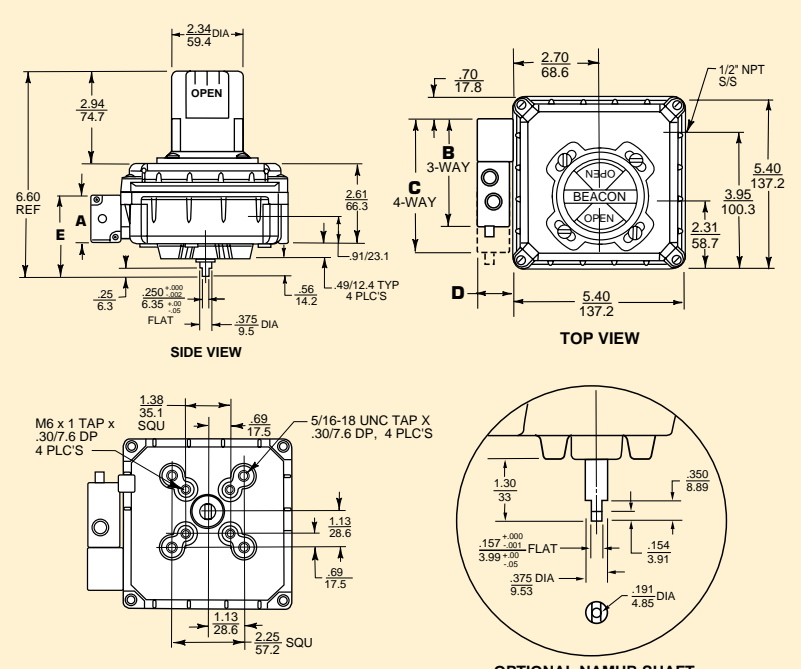
COILS	CV	Body	3-Way	4-Way
FSO 24 VDC 0.5 watts	.5 Cv	Brass	2200	2600
		Alum.	3200	3600
		303 S.S.	4200	4600
FAO 120 VAC 4.0 watts	1.2 Cv	316 S.S.	5200	5600
		Brass	2300	2700
FVO 125 VDC 0.85 watts	1.2 Cv	Alum.	3300	3700
		303 SS	4300	4700
FHO 220 VAC 4.0 watts	3.5 Cv	316 S.S.	5300	5700
		Alum.	3400	3800
		303 S.S.*	4400	4800

OPTIONAL FEATURES (See BULLETIN NO. Q-18.02)

* Available in 784A Series Only

DIMENSIONS (inches/mm)

Model 764

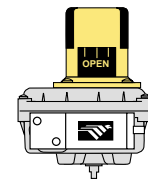









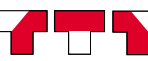


Solenoid Valve	Dimensions				
	A	B (3-WAY)	C (4-WAY)	D	E
.5 Cv	1.50	3.31	4.06	1.13	2.62
1.2 Cv	2.00	4.50	5.50	1.38	2.87
3.5 Cv	2.75	5.25	6.56	1.88	3.26

Model 784A Dimensions (BULLETIN NO. Q-11.02)

Note: Operating pressure: 45-120psi.

ORDERING GUIDE

QUANTUM™ LP	BEACON™	3-WAY BEACON™	SENSOR	SOLENOID (Falcon™)	
764 Engineered Resin 	STANDARD (Black & Yellow) BY 	90° Rotation B1 	Mech. (SPDT) 2M2 Mech. (DPDT) 2M4	Use above listing for ordering solenoid 	
	ANSI GREEN (Liquid-Low Hazard) AG 	90° Rotation B3 	TRANSMITTERS		
	ANSI BLUE (Gas-Low Hazard) AB 	90° Rotation B5 	Resistive Output: 1000 ohms RS		
ANSI RED (Fire Quenching) AR 	180° Rotation B7 	Current Output: 4-20 mA CS			
	180° Rotation B9 	Consult Factory			

NOTE: Model 764 Max. 3 Switches, To use 4 Switches consult factory.

Ordering Example: Quantum LP General Purpose, resin enclosure with standard black & yellow Beacon, 2 mechanical switches and Falcon 24 VDC/0.5 watts, .5 Cv, brass, 3-Way solenoid valve. 764-BY-2M2-FSO-2200