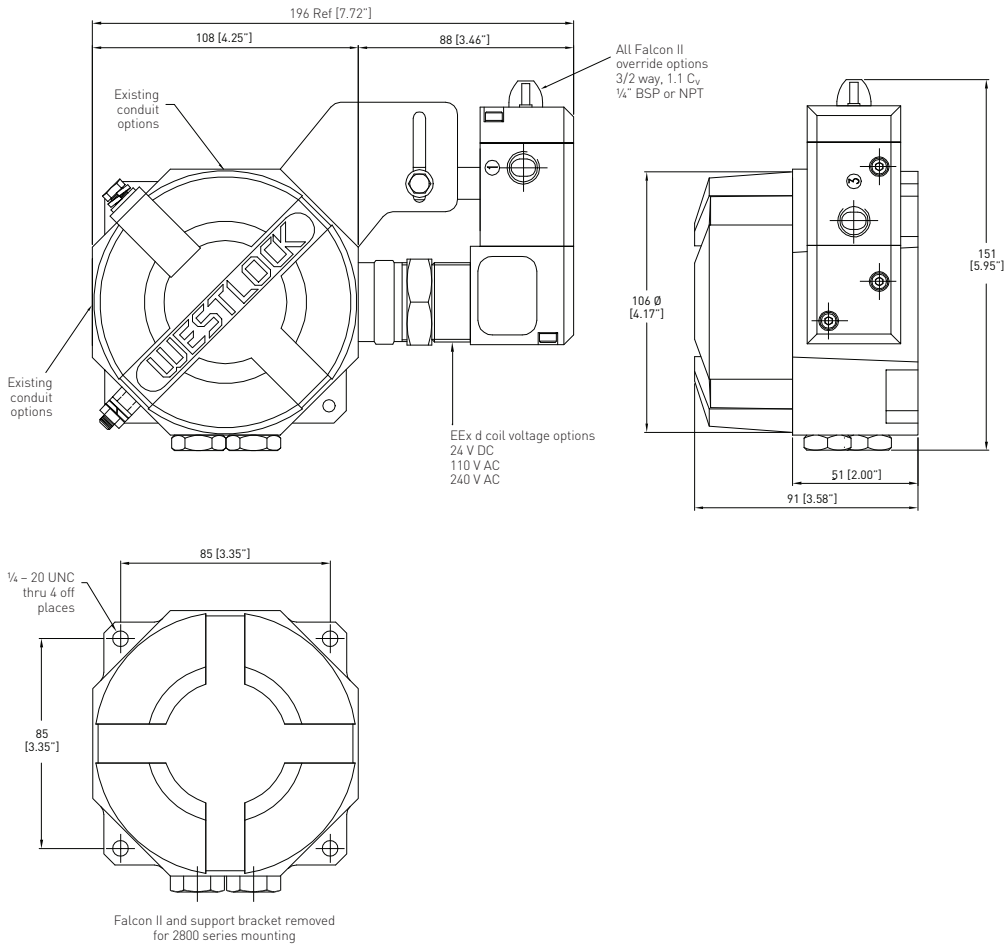


# QUANTUM™ LINEAR CONTROL MONITORS

## FLAMEPROOF – ATEX/IEC

### 2800 SERIES DIMENSIONS



Dimensions in mm, imperial dimensions (inches) in parenthesis

### TECHNICAL SPECIFICATIONS

#### Materials of construction

Enclosure	Aluminum with powder coat finish Stainless steel with electropolished finish
Temp. range	-30°C to +85°C
Operational life	600,000 cycles (full rated load)
Sensor actuation	Ferromagnetic (stainless steel encapsulated)
Sensor distance	2.54 mm end sensing
Operating time	3.0 ms
Repeatability	0.13 mm
Hysteresis	0.76 mm

#### Available switches

	SPDT (hermetically sealed proximity type) switches with tungsten contacts
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### NOTES

1. See selection guide for standard conduit entries
2. See switches & sensors data sheet for further information
3. Please consult your sales office for any other requirements

### SOLENOID VALVES

The Falcon range of solenoid valves allows you to choose the material, voltage, number of ports, number of coils and C<sub>v</sub> to best suit your application. See the Falcon II data sheet for more information.



# QUANTUM™ FLAMEPROOF LINEAR CONTROL MONITOR

## 2800 SERIES SELECTION GUIDE

<b>Housing</b>														
28	2800 linear screw lid													
<b>Cover style</b>														
6	No Beacon													
<b>Switch type</b>														
9	SPDT hermetically sealed proximity switch													
<b>Material</b>														
A	Aluminum													
S	Stainless steel													
<b>Beacon type and color</b>														
00	No Beacon													
<b>Drive shaft type</b>														
0	No shaft (Linear unit)													
<b>Solenoid body material</b>														
A	Anodized aluminum													
E	Stainless steel													
<b>Solenoid coil voltage</b>														
C	24 V DC													
D	24 V AC													
H	90-120 V AC													
J	220-240 V AC													
<b>Solenoid valve specification</b>														
<b>[1/4" BSP entry; 1.1 Cv]</b>						<b>[1/4" NPT entry; 1.1 Cv]</b>								
K	3/2 way - fail closed					U	3/2 way - fail closed							
L	3/2 way - fail open					V	3/2 way - fail open							
Q	5/2 way - fail closed					1	5/2 way - fail closed							
<b>Switch quantity</b>														
1	One switch (consult sales office)													
2	Two switches													
<b>Conduit entries supplied</b>														
2	Two entries - all enclosures													
3	Three entries - (consult sales office)													
<b>Unit specification</b>														
AAA	Standard build- M20 conduit entries													
ADZ	3/4" NPT conduit entries													
BEI	Rhodium plated switches													
DAV	M25 conduit entries													
FAN	1/2" NPT conduit entries													
***	Non-standard material - (consult sales office)													
<b>Certification</b>														
A	ATEX													
I	IECEX													
*	Other options (consult sales office)													
<b>Revision</b>														
R*	Internal revision #													
28	6	9	A	00	0	A	C	K	2	2	AAA	A	R1	= Model number <b>2869A000ACK22AAA-AR1</b>

### NOTES

1. Please contact your sales office for guidance on selecting the best possible combination for your control and monitoring requirements.
2. See Hazardous area classification technical bulletin for further information on global standards.