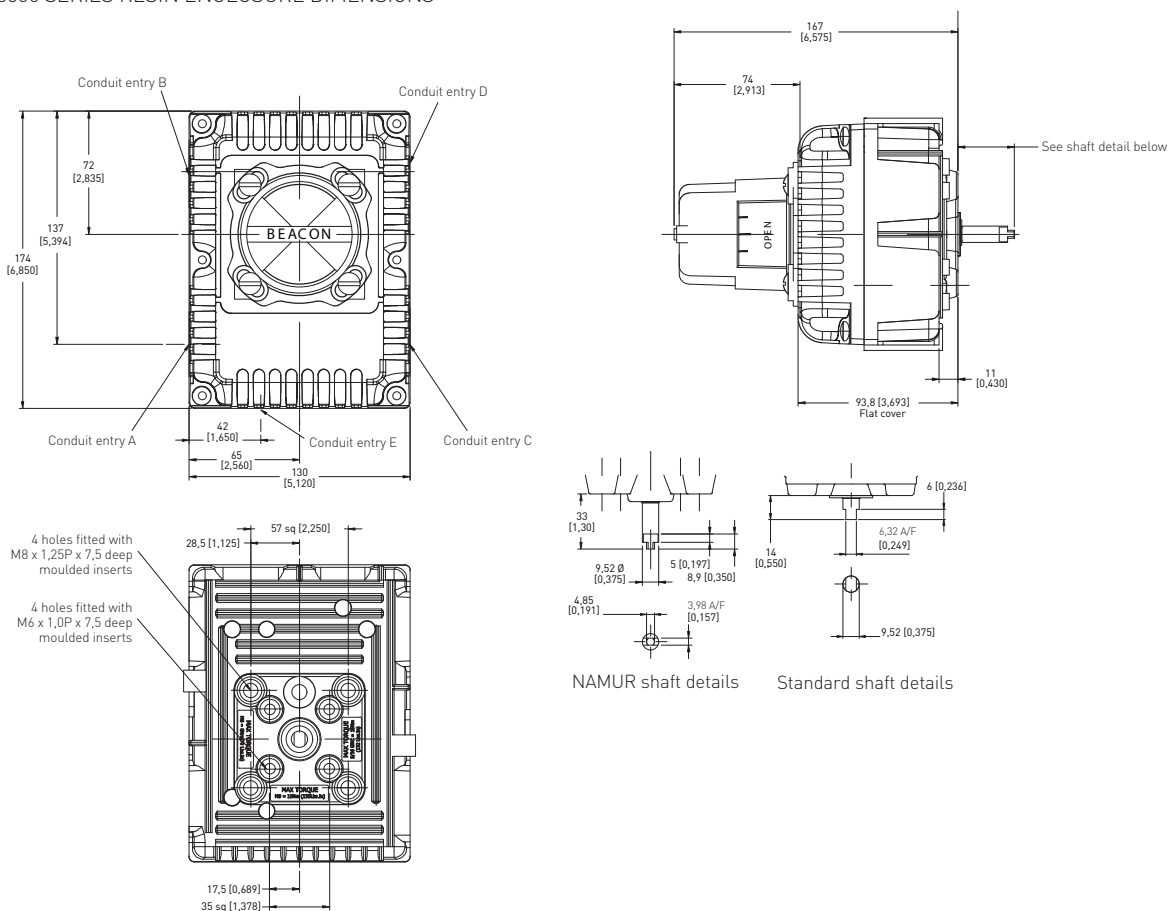


ACCUTRAK™ ROTARY POSITION MONITORS

WEATHERPROOF – IEC

8500 SERIES RESIN ENCLOSURE DIMENSIONS



Dimensions in mm, imperial dimensions (inches) in parenthesis

TECHNICAL SPECIFICATIONS

Materials of construction

Enclosure	Engineered Resin
Shaft and hardware	Stainless steel
Bushing	Nylon
Beacon visual indicator	Co-polyester

Drive shaft

Westlock standard	Double-D with ¼" A/F
NAMUR standard	NAMUR standard VDI/VDE 3845

Available switches

V3 SPDT mechanical switches
DPDT mechanical switches
Magnum SPDT (hermetically sealed proximity type) switches
V3 inductive proximity sensors
Pneumatic 3/2 operation

NOTES

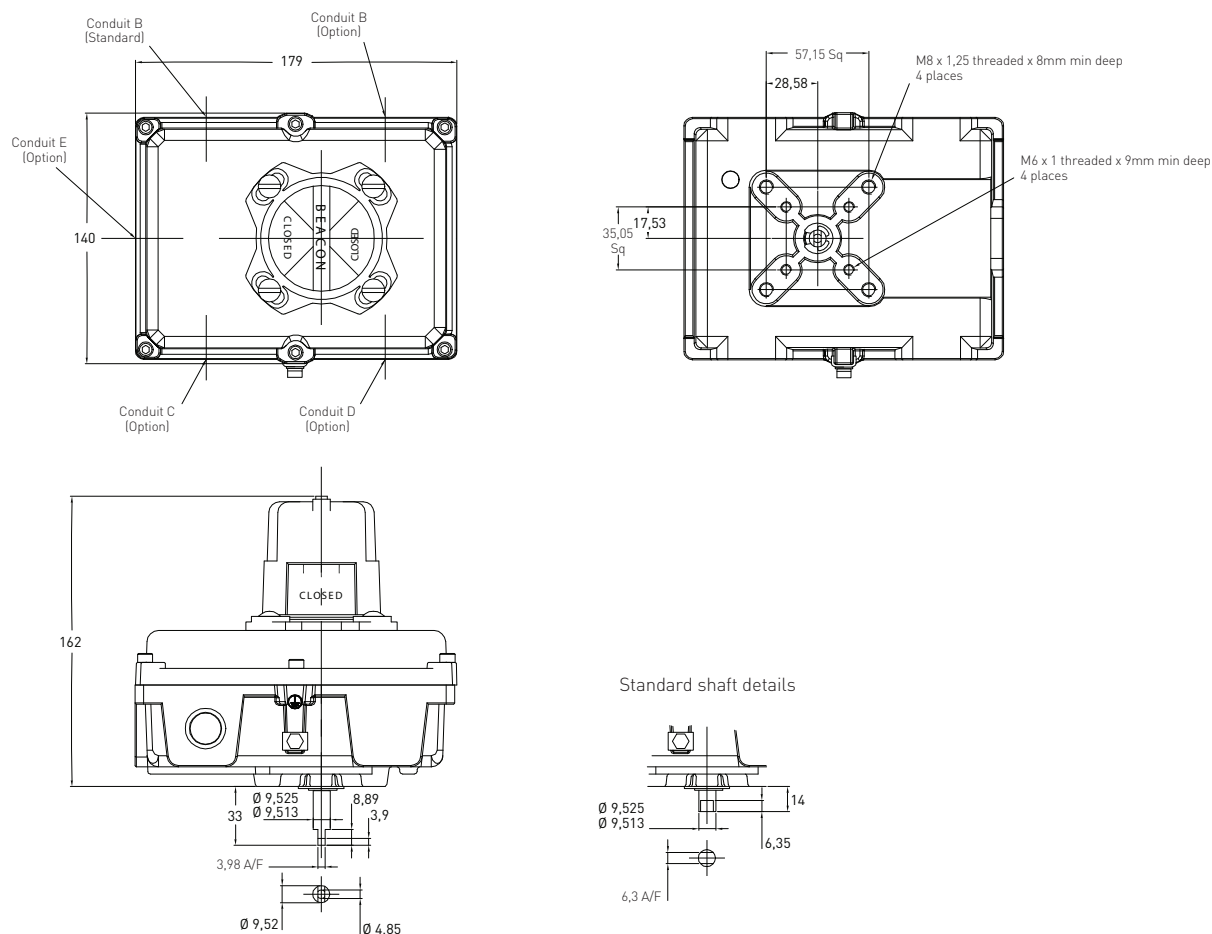
1. See selection guide for standard conduit entries
2. See switches & sensors data sheet for further information
3. Please consult your sales office for any other requirements



ACCUTRAK™ ROTARY POSITION MONITORS

WEATHERPROOF – IEC

8500 SERIES ALUMINIUM & STAINLESS STEEL ENCLOSURE 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
Shaft and hardware	Stainless steel
Bushing	Oil impregnated bronze (aluminum enclosure) PTFE (stainless steel enclosure)
Beacon visual indicator	Co-polyester

Drive shaft

Westlock standard	Double-D with ¼" A/F
NAMUR standard	NAMUR standard VDI/VDE 3845

Available switches

	V3 SPDT mechanical switches
	DPDT mechanical switches
	Magnum SPDT (hermetically sealed proximity type) switches
	V3 inductive proximity sensors
	Pneumatic 3/2 operation

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

ACCUTRAK™ WEATHERPROOF ROTARY POSITION MONITORS

8500 SERIES SELECTION GUIDE

Housing												
85	8500 with flanged lid											
	Cover style											
	4	With Beacon										
	6	Flat cover										
		Switch type										
		1	Pneumatic									
		5	Microswitch SPDT									
		6	Microswitch DPDT									
		7	P&F inductive sensor									
		8	Other inductive proximity									
		9	Magnum SPDT									
		0	No switches fitted									
		Material										
		A	Aluminium									
		R	Engineered resin									
		S	Stainless steel									
		Beacon type and color										
		BY	Black/Yellow					B1	BM3-1 pattern 90°			
		LY	Black/Yellow low profile					B3	BM3-3 pattern 90°			
		AR	ANSI Red/White					B5	BM3-5 pattern 90°			
		GR	Green/Red					B7	BM3-7 pattern 180°			
		00	No Beacon fitted					B9	BM3-9 pattern 180°			
		Drive shaft type										
		S	Westlock standard – ¼" A/F (6.32 mm)									
		N	NAMUR standard shaft – VDI/VDE 3845									
		*	Non-standard material and build (consult sales office)									
		Ancillary options										
		000	No ancillary options									
		***	Non-standard material and build (consult sales office)									
		Switch/sensor quantity										
		0	No switch/sensor fitted									
		1	One switch/sensor									
		2	Two switches/sensors									
		3	Three switches/sensors (consult sales office)									
		4	Four switches/sensors (consult sales office)									
		Conduit entries supplied										
		2	Two entries – All enclosures									
		3	Three entries – All enclosures									
		4	Four entries – All enclosures									
		5	Five entries (consult sales office)									
		Unit specification										
		AAA	Standard build- M20 conduit entries									
		ADZ	¾" NPT conduit entries									
		DAV	M25 conduit entries									
		FAN	½" NPT conduit entries									
		***	Non-standard material (consult sales office)									
		Certification										
		0	Non-hazardous									
		Revision										
		R*	Internal revision #									
85	4	6	A	BY	N	000	2	2	AAA	0	R1	= Model number 8546ABYN00022AAA-0R1

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.