



Accutrak 3400 Series

Grilamid Resin Non Hazardous
 Grilamid (3400) EExia Intrinsically Safe
 Anodised Aluminium (3400A) EExia Intrinsically Safe
 Stainless Steel (3400S) EExia Intrinsically Safe

Technical Information

Westlock Controls have engineered an Intrinsically Safe ATEX Certified Position Monitor that incorporates into a single unit standard Westlock Monitor design features and suitable feedback sensors/switches for Intrinsically Safe conditions.

By combining field proven components, cost-effective design elements, international approval agency certifications and adherence to NAMUR specifications, Westlock has created an Intrinsically Safe position monitor engineered to become an industry standard.

Optional enclosure materials also meet the required ATEX Category.

Certified Options Available

- Grilamid, Anodised Aluminium or Stainless Steel Enclosure material
- Beacon or Flat Cover
- Standard Height - Black / Yellow, Red / White, Blue / White, Green / White, 3 Way Flow Path Beacon Indicators, Various Languages
- Low Profile – Black / Yellow, Red / White, Blue / White, Green / White
- M20, M25, 1/2" NPT, 3/4" NPT Conduit Entry Options
- 2 or 3 Position Conduit Entries
- 1, 2, 3 or 4 x V3 Mechanical Switches SPDT Gold Plated Contacts
- 1, 2, 3 or 4 x Inductive Proximity Sensors (Dependent on Size) : NJ2-V3-N, NJ2-11-NG, NJ2-12GM-N, NJ4-12GM-N, NJ5-18GM-N, NCB5-18GM40-N0, NJ2-12GK-N, NJ4-12GK-N, NJ5-18GK-N, NJ5-11-NG, SJ3.5-SN, SJ3.5-N, NJ2-11-SN-G, NJ2-12GK-SN, NJ4-12GK-SN, NJ5-18GK-SN, NJ3-18GK-S1N.
- 1, 2, 3 or 4 x Magnum XT90 Hermetically Sealed Proximity SPDT Contacts
- Namur or Westlock Standard Shaft
- Terminal Strips – Weco, Klippon , Kulka

Technical Specifications

● ENCLOSURE

Grilamid

Material Specification	Nylon 12 TR90-UV
Finish	Natural
Enclosure Temperature (Operating)	-20°C to +85°C
Certification Ambient	-20°C to +55°C

Aluminium

Material Specification	A360 (0.2% Copper Max) LM9
Finish	Black Polyester Powder Coating Enamel – Type F63 B13
Enclosure Temperature (Operating)	-40°C to +85°C
Certification Ambient	-20°C to +55°C

Stainless Steel

Material Specification	316L Stainless Steel
Finish	Electropolished
Enclosure Temperature (Operating)	-40°C to +85°C
Certification Ambient	-20°C to +55°C

● BEACON INDICATOR

Material Specification	Ektar Copolyester
Temperature Limits	-40°C to +85°C

● SHAFT

Material Specification	303 Stainless Steel (STD) 316 Stainless Steel (Optional)
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● SENSORS/SWITCHES

V3 Mechanical Switches SPDT	Electrical Rating (SPDT): 15amps / 125/250VAC .5amps / 125VDC 6amps / 24VDC .25amps / 250VDC 5amps / 125VAC
	Operating Temperature: -25°C to +85°C
	Hysteresis: 3%



Pepperl & Fuchs (NJ2-V3-N)

Input Voltage Range:

5 – 25VDC

Output / Current Consumption:

≥1mA - ≤3mA

Nominal Voltage:

8VDC

Switching Frequency:

1 KHz

Operating Temperature:

-25°C to +100°C

Hysteresis:

1%

Magnum XT90 Hermetically Sealed

Electrical Rating:

3amps / 120VAC

1.5amps / 240VAC

2amps / 24VDC

Operating Temperature:

-29°C to +93°C

Hysteresis:

6%

● TERMINAL STRIP

Type WECO Series 300 type 302

Material Specification Polyamide

Nominal Cross Section 1.5mm²

Wire Stripping Length 5mm

● O-RINGS / GASKETS

Material Specification Buna N

● CIRCLIPS & FASTENERS

Material Specification Stainless Steel

● CERTIFICATION APPLICABLE



Certificate Number: DEMKO 04 ATEX 136624X

Approval Detail:

Grilamid Ex II 2 G 3 D EExia IIC T6 T85°C

Aluminium Ex II 1 G D EExia IIC T6 T85°C

Stainless Steel Ex II 1 G D EExia IIC T6 T85°C

Ambient Temperature -20°C ≤ Tamb ≤ 55°C

● NORTH AMERICAN EQUIVALENT UNITS

Model Numbers 5044, 5050, 5004A

WESTLOCK
 CONTROLS LIMITED

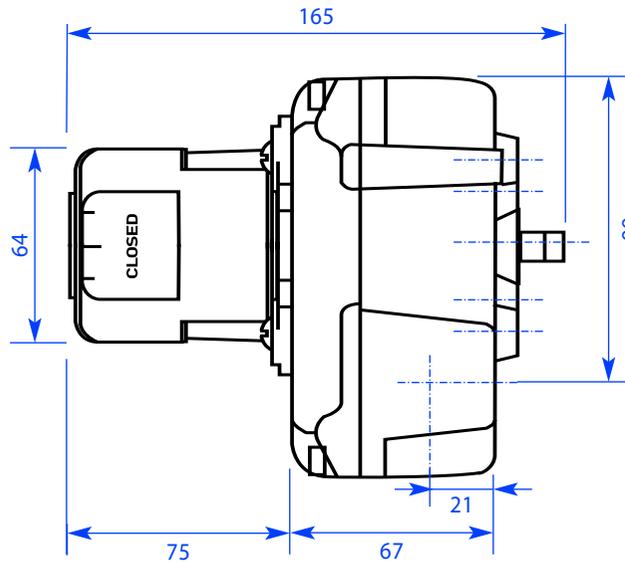
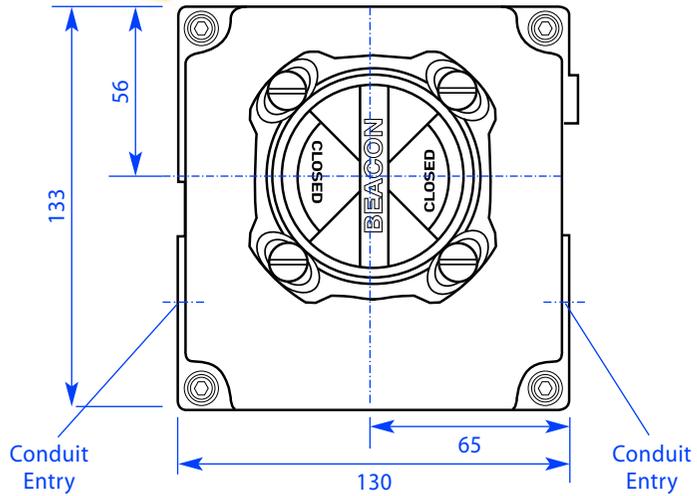


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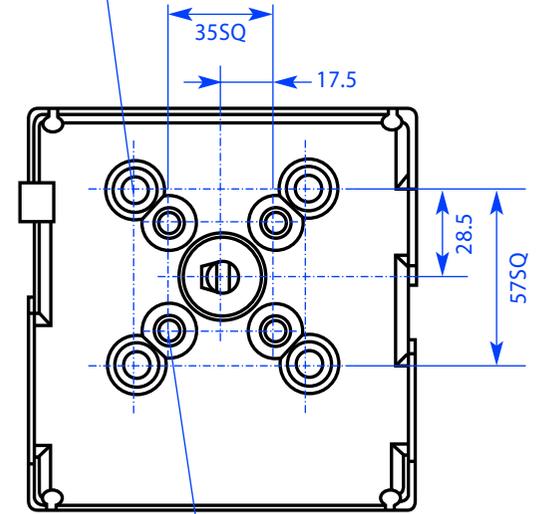
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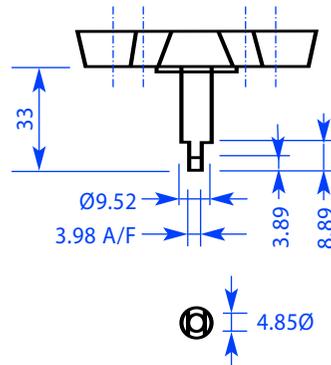
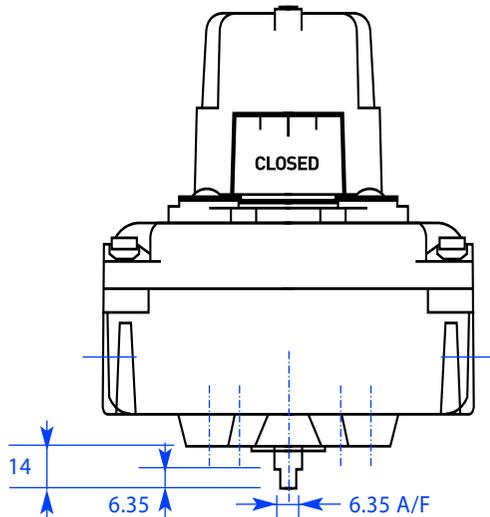
Dimensions



4 Holes tapped
 MB x 1.25 x 12.5Dp
 Stainless Steel Moulded inserts



4 Holes tapped
 M6 x 1.0 x 9.5Dp
 Stainless Steel Moulded inserts



Namur Shaft Details

WESTLOCK

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