

**INTELLIGENT POSITIONERS / HART / FOUNDATION FIELDBUS**  
**ICOT 5200, 5300 & 5400 (Atex or IEC), A SmartCal Positioner**

**Base Model**

52	Intelligent positioner
53	Intelligent positioner with HART Capability
54	Foundation Fieldbus positioner

**Actuator Type**

1	Linear (Free magnet assy.include up to 2-1/2" stroke; strokes > 2-1/2", consult Sales Representative)
3	Rotary <b>NOTE: Linear valve stroke and fail position must be specified at time of quotation.</b>

**Mounting Style**

0	Direct Mount (ICOT mounted on actuator)
5	Remote Mount (ICOT mounted remote from actuator)
7	Namur Mount (order with stainless Namur mounting kit separately)
8	Modmount (for Tyco MRP and 79U actuators only; supplied with mounting kit)

**Hazardous Rating**

AI	Atex EX ia IIC T4 approved
II	IEC Ex ia IIC T4 approved

**Housing Material**

E	Engineered Resin
S	316 Stainless Steel (Not listed for Hazardous Rating; APPROVALS PENDING) <b>(Mounting Style 0 &amp; 5 ONLY)</b>
A	Aluminum (Not listed for Hazardous Rating; APPROVALS PENDING) <b>(Mounting Style 0 &amp; 5 ONLY)</b>

**Supply Pressure**

H	High Pressure (40 - 120 psi)
L	Low Pressure (15 - 45 psi)
V	High Flow (40 - 120 psi, for larger actuators)
S	Super High Flow (40 - 120 psi, 5.5 Cv)

**Calibration/Communication**

K	Via 3-Button on-board keypad <b>(Series 52 only)</b>
B	3-Button on-board keypad & Hart Protocol <b>(Series 53 only)</b>
F	3-Button on-board keypad & Fieldbus Protocol <b>(Series 54 only)</b>

**Conduit Entry**

A	One 1/2" NPT (F)
B	One M20 (F)

**Limit Switch Options**

0	None
2	Two SPST hermetically Sealed <b>(Mounting Style 0 ONLY) (Housii)</b>

**Position Transmitter Output**

A	None
B	4-20mA Transmitter <b>(Series 52 &amp; 53 ONLY)</b>

**Pneumatic Connections**

N	1/4" NPT (3/8" NPT with High Flow Option)
B	1/4" BSP (3/8" BSP with High Flow Option]
F	1/4" NPT w/ Filter-Regulator Assembly (3/8" NPT with High Flow option)

53 3 5 AI E H B A 0 B N = Model Number 5335AIEHBA0BN