

YOUR SOLUTION PARTNER IN  
**INDUSTRIAL**  
**VALVE** AUTOMATION...



# STAINLESS STEEL LIMIT SWITCH BOX



**VP-SWP  
SERIES**

Mfg. & Mkt by :

**aira Euro automation pvt. ltd.**

Ahmedabad-382405, INDIA



[www.airaindia.com](http://www.airaindia.com)

Catalogue No. AEA-LIMITSWITCH-0001-R00





UNIT : 1

UNIT : 2

UNIT : 3

## About Us

*Clients are  
why we exist!*

We welcome and thank you for referring out detailed catalogue.

**aira** is known all over continents as a manufacturer of quality products - Ball Valves, Butterfly Valves, Plug Valves, & Control On / Off Valves with Pneumatic Actuators for Pharma, Oil & Gas, Steel, Paper, Water, Chemical and all type of processing industries.

**aira** has walked through more than 3 decades, gaining valuable experience, offering equipment's in the products manufactured by OEMs in all spheres of engineering. **aira** products have gained reputations of consultants, and approvals of users, OEMs and other as a quality product.

**aira** has expanding business into foreign markets specially GCC, UAE, Asian & African countries. This is because increase its customer base and revenue, leading to overall growth and success. Now foreign users come to know and believe in the services provided by the **aira**. Along with the same, it also helps to reach a large number of users thereby leading to the increase their business.

Being an ISO 9001 BVQI certified company has put **aira** in fore front. Our motto is "Value the customer" and "Superior product", one among the best in the world.

### Our Quality

- In-House full scale testing facility.
- Lean manufacturing practices
- Certified by : ISO 9001 : 2015 (BVQI LONDON), CE, ATEX, CIMFR, BIS, PESO, SIL 3, IBR
- API 609, API 6D

### Our Commitment

- To understand customer's need first before proposing our products.
- To keep on providing competitive rate's by adapting to continuous process improvement, without compromising on quality.
- To provide continuous support to our customers and go beyond their expectations in terms of delivery and after sale services.

### Our Manufacturing Facility

- In house R & D, manufacturing and testing facility is all located in a spread over three campuses at Ahmedabad, Gujarat, INDIA.

### Network - Sales Office

- 60 Plus Branch Offices in different states in India.
- Sales office in the Bangladesh, Dubai, Kenya, Malaysia, Nepal, Qatar, Singapore, South Africa, Sri Lanka, Turkey, USA (Expanding).

# CERTIFICATIONS



ISO 9001:2015



CE - Butterfly Valve



SIL 3 - Pneumatic Rotary Actuators



ISO 14001 : 2015



ISO 45001 : 2018



ISO 45001 : 2018



SIL 3 - Butterfly Valve



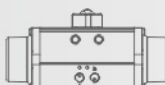
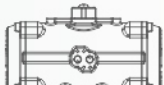
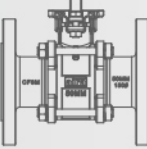
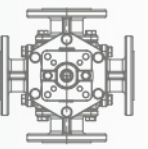
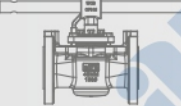
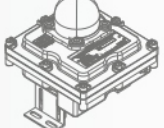
API - Ball Valve (6D)

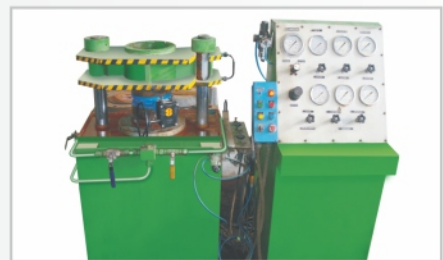


API - Butterfly Valve (609)



# Some of Our CERTIFICATIONS Approvals

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>QMS (Quality Management System)</p> <p>ISO 9001 : 2015</p>                                                                                                                                                                                                             | <p>EMS<br/>(Environment Management System)</p> <p>ISO 14001 : 2015</p>                                                                                                                                                                                                                                                                      | <p>OHSAS (Occupational Health<br/>&amp; Safety Management System)</p> <p>ISO 45001 : 2018</p>                                                                                             |
| <p>PNEUMATIC ACTUATOR</p> <p>CE /<br/>ATEX /<br/>EXIDA SIL-3 /<br/>PROOF OF DESIGN</p>                                                                                                   | <p>SCOTCH &amp; YOKE ACTUATOR</p> <p>CE / ATEX / SIL 3</p>                                                                                                                                                                                                | <p>S. S. ACTUATOR</p> <p>CE / IEP ATEX</p>                                                             |
| <p>BALL VALVES (Floating &amp;<br/>Trunnion)</p> <p>FIRE SAFE TEST DESIGN /<br/>FUGITIVE EMISSIONS TEST<br/>as per ISO 15848-1 / CE /<br/>PED / API 6D / API 607 /<br/>EXIDA SIL-3</p>  | <p>BUTTERFLY VALVE (Concentric /<br/>Double &amp; Triple Eccentric)</p> <p>FIRE SAFE TEST DESIGN /<br/>FUGITIVE EMISSIONS TEST<br/>as per ISO 15848-1 /<br/>CE PED / API 609 / EXIDA SIL-3 /<br/>IBR / PROOF OF DESIGN /<br/>FOOD GRADE / BIS / ISI</p>  | <p>MULTIPORT BALL VALVE</p> <p>FUGITIVE EMISSIONS TEST<br/>as per ISO 15848-1 /<br/>CE PED / EIL</p>  |
| <p>PLUG VALVE</p> <p>FUGITIVE<br/>EMISSIONS TEST<br/>as per ISO 15848-1 / IBR</p>                                                                                                      | <p>FLAMEPROOF SOLENOID COIL</p> <p>IEP ATEX / CE / CIMFR / IP 65<br/>/ IP 67 / IP 68 / BIS / PESO</p>                                                                                                                                                    | <p>LIMIT SWITCH</p> <p>IEP ATEX / CE / CIMFR<br/>/ IP 67 / BIS / PESO /<br/>EQDC IP 68</p>           |
| <p>IBR</p> <p>PISTON VALVE<br/>GLOBE CONTROL VALVE (CKD / CND)<br/>DISC CHECK VALVE (DCV)<br/>PRESSURE REDUCING VALVE (PRV)<br/>POP TYPE SAFETY VALVE<br/>BALL VALVE</p>                                                                                                  |                                                                                                                                                                                                                                                                                                                                             | <p>POSITIONER ENCLOSURE</p> <p>CE / CIMFR /<br/>IP 67 / BIS / PESO</p>                                                                                                                    |



# STAINLESS STEEL LIMIT SWITCH BOX

## TECHNICAL SPECIFICATION :

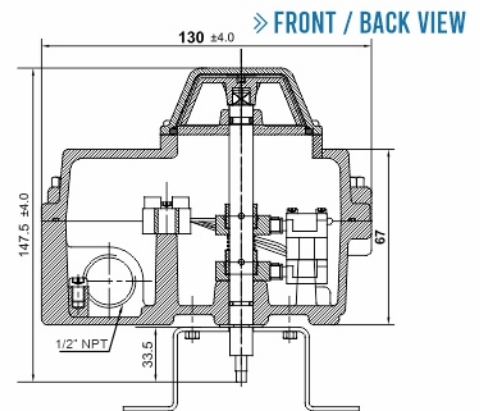
|                      |                                                                                                               |                            |
|----------------------|---------------------------------------------------------------------------------------------------------------|----------------------------|
| TYPE                 | MECHANICAL SWITCH X 2                                                                                         | PROXIMITY SENSORS P&F MAKE |
| SWITCH               | HONEYWELL                                                                                                     | P & F OTHER ON REQUEST     |
| TYPE                 | 1 NO + 1N C (OTHER ON REQUEST)                                                                                |                            |
| SWITCH RATING        | AC 250V 3A, 125V 5A   DC 250V 0.2A, 125V 0.4A, 30V 4A                                                         |                            |
| ENCLOSURE PROTECTION | IP 67                                                                                                         |                            |
| AMBIENT TEMP.        | -20°C ~ 80°C                                                                                                  |                            |
| CONDUIT ENTRY        | NPT 1/2" (OTHER OPTION AVAILABLE ON REQUEST)                                                                  |                            |
| TERMINAL             | 8 POINTS                                                                                                      |                            |
| MOUNTING BRACKET     | NAMUR VDI / VDE 3845, ISO 5211 (80 mm x 30 mm or 120 mm x 30 mm)<br>(ADJUSTABLE BRACKET AVAILABLE ON REQUEST) |                            |
| MATERIAL             | ALUMINIUM / STAINLESS STEEL 304 (STAINLESS STEEL 316 ON REQUEST)                                              |                            |



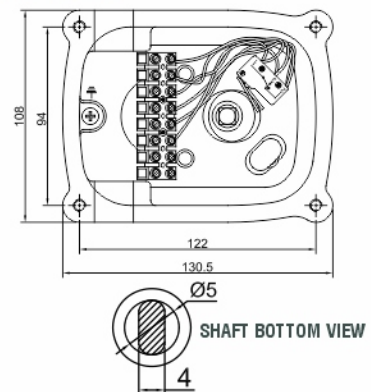
**VP-SWP  
SERIES**

## FEATURES

- » Visual Position Indicator.
- » 6 Contacts of Terminal Ports.
- » Compatibility with any Rotary Motion Actuator ISO 5211.
- » Easy Adjustment of Cam Position.
- » Dual 1/2" Conduit Entries.



## » TOP VIEW



| NO. | DESCRIPTION                                     | MATERIAL                                 |
|-----|-------------------------------------------------|------------------------------------------|
| 1   | ENCLOSURE COVER / BODY                          | S. STEEL 304 (CF8) / S. STEEL 316 (CF8M) |
| 2   | POSITION INDICATOR DOME (EXTERNAL OF ENCLOSURE) | POLY CARBONATE                           |
| 3   | POSITION INDICATOR (EXTERNAL OF ENCLOSURE)      | YELLOW/RED OPEN/CLOSE INDICATOR (ABS)    |
| 4   | SHAFT (OPERATING ROD)                           | STAINLESS STEEL                          |
| 5   | SWITCHES                                        | 1 NO + 1NC / 2 NOS. (AS PER CLIENT)      |
| 6   | CABLE ENTRY                                     | 1/2" NPT (OTHER ON REQUEST)              |
| 7   | TERMINAL                                        | STANDARD SCREW TERMINAL                  |

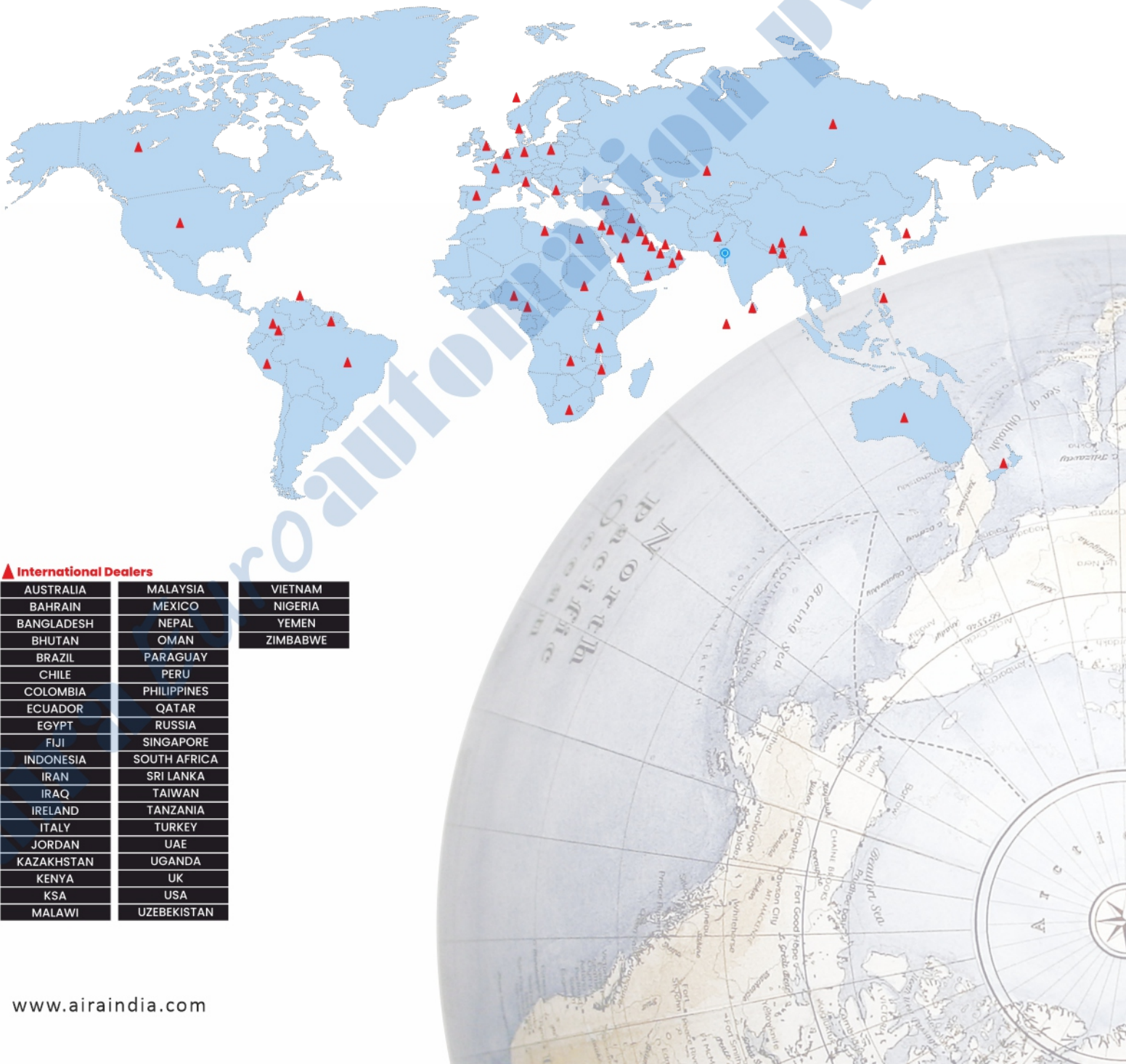
(ALL DIMENSIONS ARE IN MM)

SWITCHES & SENSORS OFFERED : **Honeywell** | **PEPPERL+FUCHS** | **OMRON** | **TURCK** | **SHARTIA CUTLER HAMMER**



*time tested designs with  
superior performance*

# GLOBAL Network



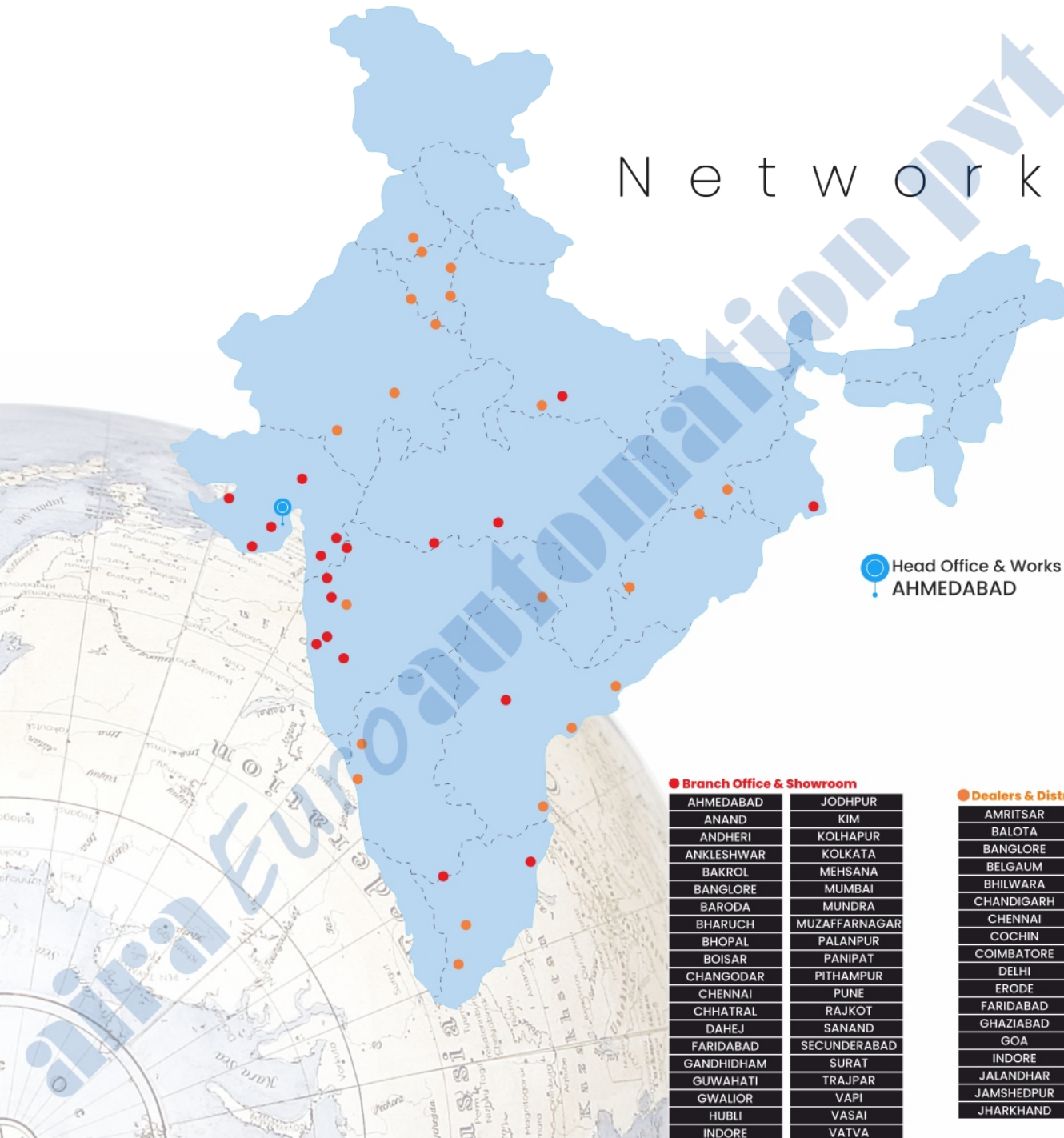
## ▲ International Dealers

|            |              |          |
|------------|--------------|----------|
| AUSTRALIA  | MALAYSIA     | VIETNAM  |
| BAHRAIN    | MEXICO       | NIGERIA  |
| BANGLADESH | NEPAL        | YEMEN    |
| BHUTAN     | OMAN         | ZIMBABWE |
| BRAZIL     | PARAGUAY     |          |
| CHILE      | PERU         |          |
| COLOMBIA   | PHILIPPINES  |          |
| ECUADOR    | QATAR        |          |
| EGYPT      | RUSSIA       |          |
| FIJI       | SINGAPORE    |          |
| INDONESIA  | SOUTH AFRICA |          |
| IRAN       | SRI LANKA    |          |
| IRAQ       | TAIWAN       |          |
| IRELAND    | TANZANIA     |          |
| ITALY      | TURKEY       |          |
| JORDAN     | UAE          |          |
| KAZAKHSTAN | UGANDA       |          |
| KENYA      | UK           |          |
| KSA        | USA          |          |
| MALAWI     | UZBEKISTAN   |          |



*industrial valve automation*

# Network



 **Head Office & Works**  
**AHMEDABAD**

**● Branch Office & Showroom**

|            |               |
|------------|---------------|
| AHMEDABAD  | JODHPUR       |
| ANAND      | KIM           |
| ANDHERI    | KOLHAPUR      |
| ANKLESHWAR | KOLKATA       |
| BAKROL     | MEHSANA       |
| BANGLORE   | MUMBAI        |
| BARODA     | MUNDRA        |
| BHARUCH    | MUZAFFARNAGAR |
| BHOPAL     | PALANPUR      |
| BOISAR     | PANIPAT       |
| CHANGODAR  | PITHAMPUR     |
| CHENNAI    | PUNE          |
| CHHATRAL   | RAJKOT        |
| DAHEJ      | SANAND        |
| FARIDABAD  | SECUNDERABAD  |
| GANDHIDHAM | SURAT         |
| GUWAHATI   | TRAJPAR       |
| GWALIOR    | VAPI          |
| HUBLI      | VASAI         |
| INDORE     | VATVA         |

**● Dealers & Distributors**

|            |               |
|------------|---------------|
| AMRITSAR   | KOLKATA       |
| BALOTA     | LUCKNOW       |
| BANGLORE   | LUDHIANA      |
| BELGAUM    | MARWAR        |
| BHILWARA   | MEERUT        |
| CHANDIGARH | MUZAFFARNAGAR |
| CHENNAI    | NAGPUR        |
| COCHIN     | NOIDA         |
| COIMBATORE | PANIPAT       |
| DELHI      | PEENYA        |
| ERODE      | PUNE          |
| FARIDABAD  | TRIPUR        |
| GHAZIABAD  | VARANASI      |
| GOA        | VISAKHAPATNAM |
| INDORE     | WADI          |
| JALANDHAR  | KANPUR        |
| JAMSHEDPUR | KOLHAPUR      |
| JHARKHAND  |               |

AVAILABLE AT :

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