

| Customer Information             |                            |                        |          |         |
|----------------------------------|----------------------------|------------------------|----------|---------|
| * Required Information           |                            |                        |          |         |
| Contact Name*                    |                            |                        |          |         |
| Company*                         |                            |                        |          |         |
| Address (Street, No.)            | City/Postcode              |                        |          |         |
| Country                          |                            |                        |          |         |
| E-mail*                          |                            |                        |          |         |
| Telephone*                       |                            |                        |          |         |
| Fax                              |                            |                        |          |         |
| Application                      |                            |                        |          |         |
| Process description*             | Portable                   | Fixed                  |          |         |
|                                  | Single Channel             | Dual Channel           |          |         |
| Pipe Parameters                  |                            |                        |          |         |
| Pipe material*                   |                            |                        |          |         |
| Wall thickness (WT)*             |                            |                        |          |         |
| Outer diameter (OD)*             | Schedule                   |                        |          |         |
| Wall roughness                   |                            |                        |          |         |
| Liner material*                  |                            |                        |          |         |
| Liner thickness*                 |                            |                        |          |         |
| Medium                           |                            |                        |          |         |
| Medium*                          | Gas                        | Liquid                 |          |         |
|                                  | Main components            |                        |          |         |
| Density                          |                            |                        |          |         |
| Viscosity                        |                            |                        |          |         |
| Phase*                           | % gas                      | % particles            | % liquid |         |
| For gases                        | Gas compressibility factor | Standard condition at: |          |         |
| Process Parameters               | Operation Range            |                        | Minimum  | Maximum |
| Temperature*                     | to                         |                        |          |         |
| Ambient temperature*             | to                         |                        |          |         |
| Pressure*                        | to                         |                        |          |         |
| Hazardous area*                  | Transmitter                | no                     | yes      | others  |
|                                  | Transducer                 | no                     | yes      | others  |
| Installation space               |                            |                        |          |         |
| Straight pipe length upstream*   |                            |                        |          |         |
| Straight pipe length downstream* |                            |                        |          |         |

| Configuration          |   |                  |   |
|------------------------|---|------------------|---|
| Unit*                  | Operation volume flow<br>Mass flow<br>Flow velocity |                  | Normalised volume flow<br>Thermal energy measurement<br>Density/Interface detection |
| Measurement range*     | to  |                  |   |
| Data logger*           | no yes  |                  |   |
| Power supply*          | 9 ... 36 V DC                                       | 100 ... 240 V AC | other   |
| Electrical inputs*     | Temperature   |                  | Quantity  |
|                        | Current active                                      |                  | Quantity  |
|                        | Current passive                                     |                  | Quantity  |
|                        | Others  | Please specify   | Quantity  |
| Electrical outputs*    | Current active                                      |                  | Quantity  |
|                        | Current passive                                     |                  | Quantity  |
|                        | Open Collector                                      |                  | Quantity  |
|                        | Relay   |                  | Quantity  |
|                        | Frequency   |                  | Quantity  |
|                        | HART** compatible                                   |                  | Quantity  |
|                        | Modbus  |                  | Quantity  |
|                        | Others  | Please specify   | Quantity  |
| Communication Protocol | HART** compatible                                   |                  |   |
|                        | Profibus PA   |                  |   |
|                        | Others  | Please specify   |   |

### Comments/Additional Requirements

\*\*HART® is a registered trademark of the *HART Communication Foundation*

Katronic Technologies Ltd.  
Earls Court  
Warwick Street  
Coventry CV 5 6ET  
United Kingdom

Tel. +44 (0)2476 714 111  
Fax +44 (0)2476 715 446  
E-mail [info@katronic.co.uk](mailto:info@katronic.co.uk)  
Web [www.katronic.com](http://www.katronic.com)