

# Selection guide

Accutech



BR10

### Base Radio

- Supports 100 field units with 915 MHz or 2.4 GHz radio
- Serial Modbus via RS-485
- Remote antenna option
- 10-30 V DC input power
- CSA Class 1, Div 1 (xp)
- ATEX/IECEX -d
- Data Sheet\*: BR10



BR20

### Base Radio

- DIN rail mount
- Supports 100 field units with 915 MHz or 2.4 GHz radio
- Optional Trio data radio for long-haul connectivity with host
- Serial Modbus via RS-485
- 11-30 V DC input power
- CSA Class 1, Div 2
- ATEX/IECEX -n
- Data Sheet\*: BR20



BR21

### Base Radio

- DIN rail mount
- Supports 100 field units with 915 MHz or 2.4 GHz radio
- Optional Trio data radio for long-haul connectivity with host
- Ethernet Modbus Port: 10/100 BASE-T LAN Ethernet
- 11-30 V DC input power
- CSA Class 1, Div 2
- ATEX/IECEX -n
- Data Sheet\*: BR20



AI10/AV10

### Current/Voltage Multi-Input Field Unit

- Accuracy:  $\pm 0.1\%$  of full scale reading at reference conditions
- Dual current (4-20 mA) or voltage (0-10 V) analog inputs
- Includes dual contact closure inputs
- Remote antenna option
- NEMA 4X enclosure
- CSA Class 1, Div 1 (IS)
- ATEX/IECEX -ia
- Data Sheet\*: AI10/AV10



RT10

### RTD Temperature Field Unit

- Electronics accuracy:  $\pm 0.1\%$  of reading
- 4-wire 100 or 1,000 ohm DIN RTD
- Integrated RTD or junction box option for customer-supplied RTD
- NEMA 4X housing
- Remote antenna and remote sensor option
- CSA Class 1, Div 1 (IS)
- ATEX/IECEX -ia
- Data Sheet\*: RT10



SI10

### Switch Input Field Unit

- Dual contact closure switch input with counter function
- Counter frequency up to 5 Hz
- Optional dual switch dry contact outputs capable of switching 1 A @ 30 V
- Remote antenna option
- NEMA 4X housing
- CSA Class 1, Div 1 (IS) for models without outputs; Div 2 with outputs
- ATEX/IECEX -ia for models without outputs; IECEX -d for models with outputs
- Data Sheet\*: SI10



SL10

### Submersible Level Field Unit

- Submersible hydrostatic pressure sensor
- Accuracy:  $\pm 0.5\%$  of URL
- Pressure ratings up to 30 psi (2 Bar), lengths to 15 m (75')
- Vent to atmosphere or to tank
- Remote antenna option
- NEMA 4X housing
- CSA Class 1, Div 1 (IS)
- ATEX/IECEX -ia
- Data Sheet\*: SL10



TC10

### Thermocouple Temperature Field Unit

- Types B, C, E, J, K, L, N, S, T, U
- Electronics accuracy:  $\pm 0.1\%$  of full scale reading
- Integrated single T/C or junction box option that supports dual customer supplied T/Cs
- NEMA 4X housing
- Remote antenna option
- CSA Class 1, Div 1 (IS)
- ATEX/IECEX -ia
- Data Sheet\*: TC10



DP20

### Differential Pressure Field Unit

- Accuracy:  $\pm 0.2\%$  of URL
- Available in five different pressure ranges:
  - $\pm 100$  in H<sub>2</sub>O
  - $\pm 300$  in H<sub>2</sub>O
  - -25 psi to +25 psi
  - -25 psi to +100 psi
  - -25 psi to +300 psi
- NEMA 4X housing
- Remote antenna option
- CSA Class 1, Div 1 (IS)
- ATEX/IECEX -ia
- Data Sheet\*: DP20



FL10

### Float Level Field Unit

- For use with Siemens 2,000 series probes
- 1/4" and 1/2" resolution options
- Lengths up to 30'
- Single float or dual float for liquids interface
- NEMA 4X housing
- Remote antenna option
- CSA Class 1, Div 1 (IS)
- Available in North America only
- Data Sheet\*: FL10



GL10

### Gauge Level Field Unit

- Accuracy:
  - $\pm 0.25\%$  of full scale at 20 °C (68 °F)
  - $\pm 0.5\%$  of URL
- 15 psig and 30 psig max pressure options
- Specific gravity correction and multiple units of measure selection
- NEMA 4X housing
- Remote antenna and remote sensor option
- CSA Class 1, Div 1 (IS)
- ATEX/IECEX -ia
- Data Sheet\*: GL10



GP10

### Gauge Pressure Field Unit

- Accuracy:
  - $\pm 0.25\%$  of full scale at 20 °C (68 °F)
  - $\pm 0.25\%$  of URL (15,000 psig)
  - $\pm 0.3\%$  of URL (2,500 and 5,000 psig)
  - $\pm 0.5\%$  of URL (5, 15, 30, 100, 250, 1,000, and 10,000 psig)
- 5, 15, 30, 100, 250, 1,000, 2,500, 5,000, 10,000, 15,000 psig
- NEMA 4X housing
- Remote antenna and remote sensor option
- CSA Class 1, Div 1 (IS)
- ATEX/IECEX -ia
- Data Sheet\*: GP10



TM10

### Turbine Meter totalizer Field Unit

- Interfaces many 2-wire magnetic pickups
- Instantaneous flow and totalized values
- Frequency 1 Hz to 10 KHz
- NEMA 4X housing
- Remote antenna option
- CSA Class 1, Div 1 (IS)
- ATEX/IECEX -ia
- Data Sheet\*: TM10



4AO/8SW/4AO-8SW

### Output Modules

- Direct connection between Accutech base radios and DCS or process control systems
- Provides analog and discrete outputs from associated field units
- DIN rail-mounted
- Stackable (25 max, 100 AO, 200 DO)
- Three models available:
  - 4-channel analog output
  - 8-point contact closure
  - Combination of 4-channel analog/8-contact
- Data Sheet\*: 4AO/8SW/4AO-8SW

\* Please use this term in our search window on [www.schneider-electric.com](http://www.schneider-electric.com) to access more product details.