

Analog Input Modules

Cat. No.	Inputs/Outputs	Range	Resolution	Removable Terminal Block
1756-IF6CIS	6 individually isolated inputs, current sourcing	0...20 mA (over-range indication when exceeded)	16 bits 0.34 μ A/bit	1756-TBNH 1756-TBSH
1756-IF6I	6 individually isolated inputs	\pm 10.5V 0...10.5V 0...5.25V 0...21 mA	16 bits 10.5V: 343 μ V/bit 0...10.5V: 171 μ V/bit 0...5.25V: 86 μ V/bit 0...21 mA: 0.34 μ A/bit	1756-TBNH 1756-TBSH
1756-IF8	8 single-ended inputs 4 differential inputs 2 high-speed differential inputs	\pm 10V 0...10V 0...5V 0...20 mA	\pm 10.25V: 320 μ V/cnt (15 bits plus sign bipolar) 0...10.25V: 160 μ V/cnt (16 bits) 0...5.125V: 80 μ V/cnt (16 bits) 0...20.5 mA: 0.32 μ A/cnt (16 bits)	1756-TBCH 1756-TBS6H
1756-IF8H	8 differential voltage or current inputs, HART interface	\pm 10V 0...5V 1...5V 0...10V 0...20 mA 4...20 mA	16...21 bits	1756-TBCH 1756-TBS6H
1756-IF8I	8 individually isolated inputs, current or voltage	\pm 10V 0...10V 0...5V 0...20 mA	24 bits \pm 10.5V (1.49 μ V/count) 0...10.5V (1.49 μ V/count) 0...5.25V (1.49 μ V/count) 0...21 mA (2.99 nA/count)	1756-TBCH 1756-TBS6H
1756-IF8IH	8 individually isolated current inputs	0...20 mA 4...20 mA	16...21 bits	1756-TBCH 1756-TBS6H
1756-IF16	16 single-ended inputs 8 differential or 4 differential (high speed) inputs	\pm 10V 0...10V 0...5V 0...20 mA	16 bits 10.5V: 343 μ V/bit 0...10.5V: 171 μ V/bit 0...5.25V: 86 μ V/bit 0...21 mA: 0.34 μ A/bit	1756-TBCH 1756-TBS6H
1756-IF16H	16 differential current inputs, HART interface	0...20 mA 4...20 mA	16...21 bits	1756-TBCH 1756-TBS6H

Analog RTD and Thermocouple Modules

Cat. No.	Inputs/Outputs	Range	Resolution	Removable Terminal Block
1756-IR6I	6 individually isolated RTD inputs	1...487 Ω 2...1000 Ω 4...2000 Ω 8...4000 Ω	16 bits 1...487 Ω : 7.7 m Ω /bit 2...1000 Ω : 15 m Ω /bit 4...2000 Ω : 30 m Ω /bit 8...4020 Ω : 60 m Ω /bit	1756-TBNH 1756-TBSH