

ILC24 Local Controller

Specifications

Model	A	AF	AFL
Analogue input			
4-20mA sensors		●/5	
Position feedback			
- Position sensor - 3-wire potentiometer		●	
- Position loop - 4-20mA		●	
Analogue output			
4-20mA transmitter loop		●	
4-20mA output		○/2	
Digital inputs			
Digital inputs internal powered		●/4 (up to ○/17)	
Power supply to unit		24VDC	
Digital outputs			
Digital outputs		●/6	
SIL expansion card			
SIL 1-4 capable		○	
Digital outputs		○/2 - NO/NC	
Separated power supply for digital outputs		○	
ESD detection		○	
Communication			
HART		○	
Modbus RTU – RS-485		○	
Foundation Fieldbus H1		○	
Profibus DP/DPV1		○	
Wireless HART		○	
Other communication protocols on request		○	
Local user interface			
Display with menu		●	
MTCControl	-		●
Bluetooth V2.0		○	
Local control station			
- Remote/local operation - Open/close		○	
- Position indicator: Open/close		○	
- Reset: Ready to reset and reset		○	
Design			
Temperature		-40 to 85°C*	
IP	IP20	IP66 (IP67*)	
DIN-rail mounting EN 50022	●	-	-
Flameproof - Ex-de – ATEX and IECEx	-	●	
Customized terminalbox	-	●	-
Customized local control station built-in to terminalbox	-	-	●
Software features			
Automatic intelligent calibration		●	
Manual calibration		●	
Valve action – Direct/reverse		●	
Spring Return or Double Acting actuator		●	
Manual control of valves and actuator		●	
Error and event log		●	
Timestamp using built in watch with battery backup		○	
Pump controller		○	
Control software			
Configurable by ValConnect software using USB		●	

● = Standard
○ = optional
* = Ask Val Controls

DLC-SP-001-01 - Subject to modifications. We are not responsible for misprints.