

STANDARD RECOMMENDED CONTROL SYSTEM SETUPS

The purpose of this document is to provide an overview of control system setups and product specifications. Ing Westad AS is committed to helping you find the optimal solution for your needs and budget

AMOT EA/EB/EC ACTUATOR WITHOUT POSITIONER

1.71



1.72



AMOT EA/EB/EC ACTUATOR WITH POSITIONER

2.71



2.72



AUMA PROFOX ACTUATOR WITH POSITIONER

3.71



3.72



AUMA SQR ACTUATOR WITH

4.71



4.72



AIR TORQUE PNEU ACT. + SIEMENS SIPART PS2 POS.

5.71



5.72



HKC ACTUATOR

6.71



6.72



PRODUCT OVERVIEW



PN 8060A12-AA
Temp. sensor



PN 47581L001
Solid State Relay



PN 8071D010D-AA
AMOT PID Controller for panel mounting

- 230 VAC | 4-20mA | IN/OUT
- Allows two set points



PN 8072E00104D-AA
PID in IP67 cabinet for wall mounting

- Standalone unit
- Allows two set points
- 230 VAC | 4-20mA | IN/OUT

POWER SUPPLY & COMM INTERFACE

	Power Supply		
	VDC	VAC	
	24	230	400
EA		x	
EB		x	
EC	x	x	x
PF	x	x	
SQR		x	x
Sipart		Pneu	
HKC	x	x	x

	Control		
	Switched live	4-20mA	Bus com
EA	x	x	
EB	x	x	
EC	x	x	
PF		x	x
SQR		x	x
Sipart		x	x
HKC	x	x	x

FIND THE RIGHT CONTROL SYSTEM/ACTUATOR

Supervisory Control System (SCS) (e.g. IAS)

Local control (LC) integrated with SCS LC not integrated with SCS

Local control system

LC is PID from Amot/Ing Westad: LC is PLS or similar
 8071 PID for panel mounting or 8072 PID cabinet for wall mounting

Electric voltage actuator/PID

24VDC 230VAC 1-phase 400VAC 3-phase Pneumatic Other:

Communication interface between actuator and local control system

Switched live Analog 4-20mA Pneumatic Other:

Specify actuator characteristics

- Industrial use - suitable for continuous operation in industrial environments
- Marine use - designed for use in shipboard systems with resistance to salt, humidity and vibration
- Outdoor offshore/marine environments – weatherproof/corrosion-resistant, suited for harsh offshore conditions
- Military requirements – compliant with military standards (e.g. MIL-STD) for durability, shock and EMI resistance
- Positioner – feedback signal for valve position
- Vibration resistance – mechanically robust and tested for high vibration environments (e.g. IEC60068-2-6)
- Explosion-proof – certified for use in hazardous areas (e.g. ATEK, IECEx, UL Class I Div. 1)
- Failsafe functionality – equipped with spring return or other mechanism to ensure safe positioning upon power loss
- Enhances surface treatment – coated or treated according to standards such as NORSOK M-501 for corrosion-protection