

# 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 POSITIONER

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 IP65 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

	Switched live	4-20mA	Bus com
EA	x	x	
EB	x	x	
EC	x	x	
PF		x	x
SQR	x	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    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
- Enhanced surface treatment – coated or treated according to standards such as NORSOK M-501 for corrosion-protection

**We're here to help!**

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