

# Rocon Water Control Valve

HOW TO ORDER Select appropriate symbols and build a model code number, as in example shown:

**EXAMPLE :** WCV - S - 4 - H - 7 - E3C5F1 - D1 - L - \*\*\*\* - \*\*\*\*\*

STYLE	
Inline .....	= I
Inline Manual .....	= IM
Valve Body w/ Subplate.....	= S
Valve Body Manual w/ Subplate .....	= SM
Valve Body wo/ Subplate .....	= B
Valve Body Manual wo/ Subplate.....	= BM
Subplate Only.....	= SO

PORT SIZE	
Style I, S or SO (1/2 NPTF) .....	= 4
Style I, S or SO (1/2-14 BSPT) .....	= BT4
Style I, S or SO (1/2-14 BSPP) .....	= G4*
Style I, S or SO (3/4 NPTF) .....	= 6
Style I, S or SO (3/4-14 BSPT) .....	= BT6
Style I, S or SO (3/4-14 BSPP) .....	= G6*
Style B (Valve Body ONLY) .....	= 0
Style BM (ManualValveBodyONLY)....	= 0
*ISO 1179	

Subplate only, "SO" style order code ends here.

CARTRIDGE SIZE	
GPM PSIG - Differential	
1/2 - 3.0 Low to High .....	= H

ASSIST SPRING RATE	
Adjustable Shut Off	
1X - 4X Spring Rate (10 - 90 PSID) ...	= 7

Control Number If Required

**DESIGN NUMBER**  
Factory to provide at time of quote  
(Internal reference number)

OPTIONS	
No Options Picked .....	= N
BYPASS - Manual Clip - Fixed .....	= L
BYPASS - Manual Clip - Removable ..	= LR
IN5061 Fly Back Diode (DC Only) .....	= CR
Metric Design (Consult Factory) .....	= M

VOLTAGE-NEW!	
No Switch Box .....	= N
120 Volt AC .....	= A
24 Volt DC Current Sourcing .....	= D1
24 Volt DC Current Sinking .....	= D2

<p><b>1 - RESTART</b></p> <p>Manual .....</p>	= M
Remote - Air <i>without</i> Lights .....	= A
Remote - Air <i>with</i> Lights .....	= E
<b>2 - OUTPUT SIGNAL</b>	
<i>Mechanical Switch</i>	
No Switch .....	= N
3 Wire SPDT .....	= 3
4 Wire TCDB .....	= 4
<b>3 - LIGHTS</b>	
No Lights .....	= N
ON (Green) / OFF (Red) .....	= A***
ON (Green) / OFF (Red) / BYPASS (Yellow) <i>with</i> fault output / fuses .....	= C****
ON (Green) / OFF (Red) / BYPASS (Yellow) <i>without</i> fault output / fuses ...	= Y****
*** Options: L or LR can not be selected	
**** Options: L or LR required	
<p><b>4 - ELECTRICAL CONNECTOR</b></p> <p>No Connector .....</p>	= N
4 Pin .....	= 4
5 Pin .....	= 5
6 Pin .....	= 6
Others: Consult Factory	
<b>5 - MANUFACTURER-NEW!</b>	
No Connector .....	= N
Factory Standard .....	= F
Brad Harrison .....	= B
Molex .....	= M
DDK .....	= D
Others: Consult Factory	
<b>6 - CONNECTOR TYPE-NEW!</b>	
No Connector .....	= N
Mini .....	= 1
Micro .....	= 2
Amphenol (circular type) .....	= 3
Others: Consult Factory	

QUESTION ? Call the Factory 248-542-9635 or Fax 248-584-1490. Information needed:

**New Valve :** 1 - What is the flow required per weld gun arm, 2 - What is body shop Supply / Return Water Pressure?, 3 - What is Supply and Return Water Pressure at Robot Cell fence line?, 4 - Is electrical Connector required for electrical hook up?, 5 - If Yes, how many pins, style and manufacture preferred. We will need wiring diagram if factory standard is not used. 6 - AC or DC?.

**Spare Parts :** Model Code Number or Serial Number or N Number required. They are located on Switch Box Cover.