

Input / Output	Source	Description
I	current monitoring relay	lock traffic light 1 - Red 1
I	current monitoring relay	lock traffic light 1 - Green
I	current monitoring relay	lock traffic light 1 - Red 2
I	current monitoring relay	lock traffic light 2 - Red 1
I	current monitoring relay	lock traffic light 2 - Green
I	current monitoring relay	lock traffic light 2 - Red 2
I	current monitoring relay	lock traffic light 3 - Red 1
I	current monitoring relay	lock traffic light 3 - Green
I	current monitoring relay	lock traffic light 3 - Red 2
I	current monitoring relay	lock traffic light 4 - Red 1
I	current monitoring relay	lock traffic light 4 - Green
I	current monitoring relay	lock traffic light 4 - Red 2
I	current monitoring relay	Bridge traffic light 1 - Red
I	current monitoring relay	Bridge traffic light 1 - Green
I	current monitoring relay	Bridge traffic light 2 - Red
I	current monitoring relay	Bridge traffic light 2 - Green
I	limit switch	Upstream ebb gate 1
I	limit switch	Upstream ebb gate 1
I	limit switch	Upstream ebb gate 2
I	limit switch	Upstream ebb gate 2
I	limit switch	Upstream flood gate 1
I	limit switch	Upstream flood gate 1
I	limit switch	Upstream flood gate 2
I	limit switch	Upstream flood gate 2
I	limit switch	Downstream ebb gate 1
I	limit switch	Downstream ebb gate 1
I	limit switch	Downstream ebb gate 2
I	limit switch	Downstream ebb gate 2
I	limit switch	Downstream flood gate 1
I	limit switch	Downstream flood gate 1
I	limit switch	Downstream flood gate 2
I	limit switch	Downstream flood gate 2
I	limit switch	Downstream storm flood gate 1
I	limit switch	Downstream storm flood gate 1
I	limit switch	Downstream storm flood gate 2
I	limit switch	Downstream storm flood gate 2
I	limit switch	Upstream ebb paddle 1
I	limit switch	Upstream ebb paddle 1
I	limit switch	Upstream ebb paddle 2
I	limit switch	Upstream ebb paddle 2
I	limit switch	Upstream flood paddle 1
I	limit switch	Upstream flood paddle 1
I	limit switch	Upstream flood paddle 2
I	limit switch	Upstream flood paddle 2
I	limit switch	Downstream ebb paddle 1
I	limit switch	Downstream ebb paddle 1

I	limit switch	Downstream ebb paddle 2
I	limit switch	Downstream ebb paddle 2
I	limit switch	Downstream flood paddle 1
I	limit switch	Downstream flood paddle 1
I	limit switch	Downstream flood paddle 2
I	limit switch	Downstream flood paddle 2
I	limit switch	Downstream storm flood paddle 1
I	limit switch	Downstream storm flood paddle 1
I	limit switch	Downstream storm flood paddle 2
I	limit switch	Downstream storm flood paddle 2
I	pressure sensor	Water height sensor upstream outside
I	pressure sensor	Water height sensor upstream inside
I	pressure sensor	Water height sensor downstream outside
I	pressure sensor	Water height sensor downstream inside
Q	relay	lock traffic light 1 - Red 1
Q	relay	lock traffic light 1 - Green
Q	relay	lock traffic light 1 - Red 2
Q	relay	lock traffic light 2 - Red 1
Q	relay	lock traffic light 2 - Green
Q	relay	lock traffic light 2 - Red 2
Q	relay	lock traffic light 3 - Red 1
Q	relay	lock traffic light 3 - Green
Q	relay	lock traffic light 3 - Red 2
Q	relay	lock traffic light 4 - Red 1
Q	relay	lock traffic light 4 - Green
Q	relay	lock traffic light 4 - Red 2
Q	relay	Bridge traffic light 1 - Red
Q	relay	Bridge traffic light 1 - Green
Q	relay	Bridge traffic light 2 - Red
Q	relay	Bridge traffic light 2 - Green
Q	magnetic switch	Upstream ebb gate 1
Q	magnetic switch	Upstream ebb gate 1
Q	magnetic switch	Upstream ebb gate 2
Q	magnetic switch	Upstream ebb gate 2
Q	magnetic switch	Upstream flood gate 1
Q	magnetic switch	Upstream flood gate 1
Q	magnetic switch	Upstream flood gate 2
Q	magnetic switch	Upstream flood gate 2
Q	magnetic switch	Downstream ebb gate 1
Q	magnetic switch	Downstream ebb gate 1
Q	magnetic switch	Downstream ebb gate 2
Q	magnetic switch	Downstream ebb gate 2
Q	magnetic switch	Downstream flood gate 1
Q	magnetic switch	Downstream flood gate 1
Q	magnetic switch	Downstream flood gate 2
Q	magnetic switch	Downstream flood gate 2
Q	magnetic switch	Downstream storm flood gate 1

Q	magnetic switch	Downstream storm flood gate 1
Q	magnetic switch	Downstream storm flood gate 2
Q	magnetic switch	Downstream storm flood gate 2
Q	magnetic switch	Upstream ebb paddle 1
Q	magnetic switch	Upstream ebb paddle 1
Q	magnetic switch	Upstream ebb paddle 2
Q	magnetic switch	Upstream ebb paddle 2
Q	magnetic switch	Upstream flood paddle 1
Q	magnetic switch	Upstream flood paddle 1
Q	magnetic switch	Upstream flood paddle 2
Q	magnetic switch	Upstream flood paddle 2
Q	magnetic switch	Downstream ebb paddle 1
Q	magnetic switch	Downstream ebb paddle 1
Q	magnetic switch	Downstream ebb paddle 2
Q	magnetic switch	Downstream ebb paddle 2
Q	magnetic switch	Downstream flood paddle 1
Q	magnetic switch	Downstream flood paddle 1
Q	magnetic switch	Downstream flood paddle 2
Q	magnetic switch	Downstream flood paddle 2
Q	magnetic switch	Downstream storm flood paddle 1
Q	magnetic switch	Downstream storm flood paddle 1
Q	magnetic switch	Downstream storm flood paddle 2
Q	magnetic switch	Downstream storm flood paddle 2

Signal high

On

On

On

On

On

On

On

On

On

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On

On

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On

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Open

Closed

Open

Closed

Open

Closed

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