Question: Can you tie 3 sensors in series?
Answer: Yes, but it produces a voltage drop. You can tie up to 10 together in most cases.

Question: Can I run only 2 wires of a 4-wire sensor?
Answer: You must use at least three; one can be discarded according to if you need NC or NO.

Please refer to our tech support website for more info on sensors. The FAQ section may have information that can help. Click on this link FAQ