

E-WFS-GD44/E-WFS-GE

Water Flow Sensor



E-WFS-GE

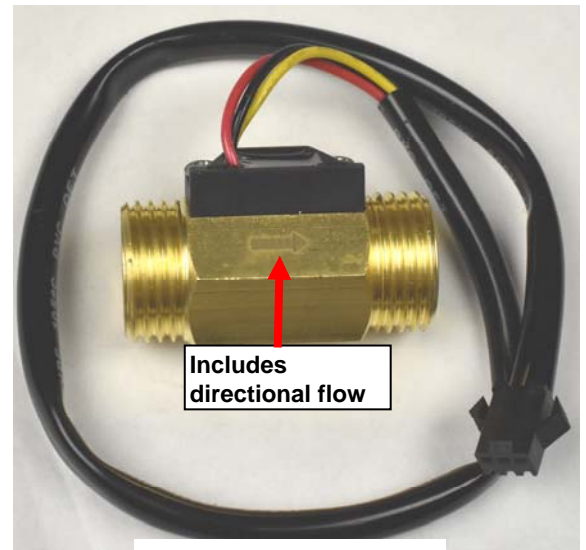
These are a hall effect water flow sensors that can be used to monitor the flow rate of many devices; coffee makers, water injection machines, water vending machines, etc. when connected to an E-16D/E-5D/E-2D Enterprise Environment Monitoring System, E-1W Low-Cost Environment Monitoring System, or E-DI16DO(R)16 Digital Input/Output Expander.

Specifications:

| Parameter | E-WFS-GD44 | E-WFS-GE |
|---------------------------------------|--------------------------|--------------------------|
| Sensor Type | Hall Effect | |
| Working Voltage | 4.5 to 18V DC | |
| Max. current draw | 10mA Max (@5VDC) | |
| Working Flow Rate | 1 to 30 L/min | 2 to 45 L/min |
| Accuracy | ±10% | |
| Maximum water pressure | 1.75 MPa (253 PSI) | |
| Output (Pulse) duty cycle | 50% | |
| Flow Formula (F= Frequency, Q= L/min) | $F=(11Q)-3$ | $F=(8.1*Q)-3$ |
| Main material | Brass | |
| Thread type | BSP 1/2" G (Male x Male) | BSP 3/4" G (Male x Male) |

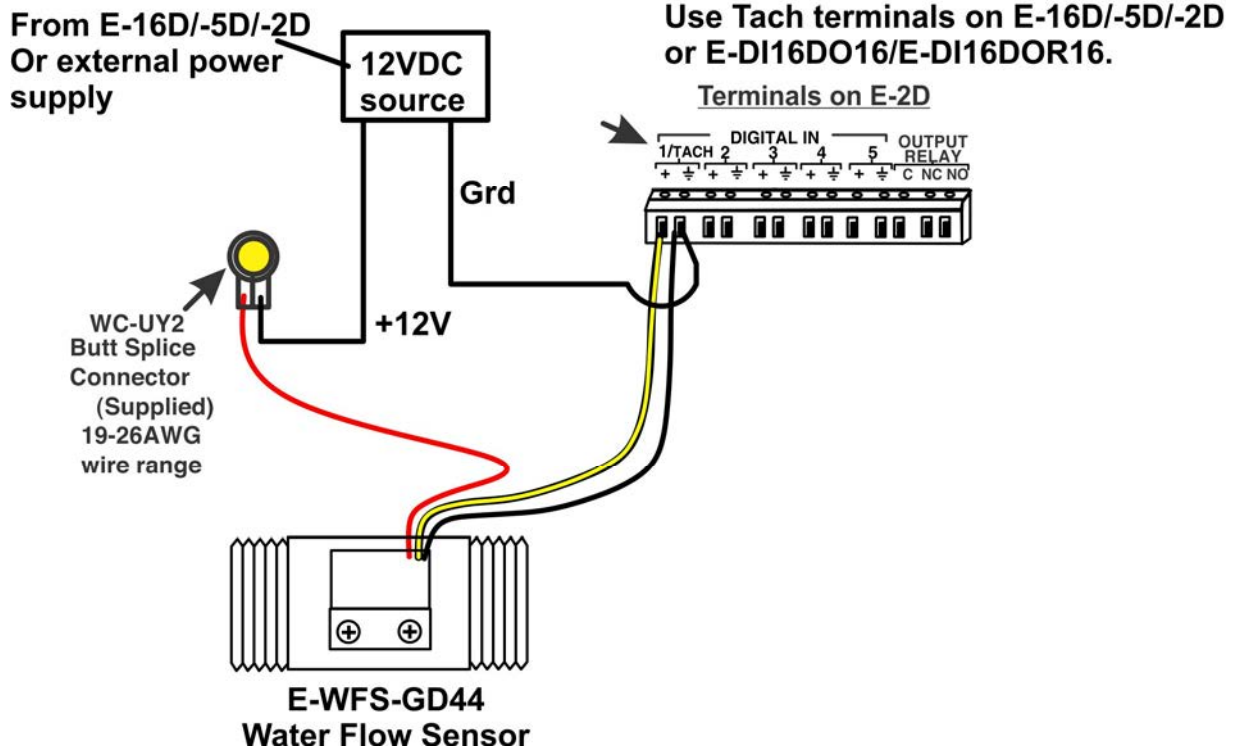
Note: Flow Rate for E-WFS-GD44 is 1 to 26.18 L/min and for E-WFS-GE it is 2 to 31.85 L/min when used with E-xD, E-1W or E-DI16DO(R)16.

Note: When used with E-1W, a E-PM2-1W 1-Wire Pulse Monitor is required.



E-WFS-GD44/-GE

Application with E-WFS-GD44 Water Flow Sensor connected to Tach terminals



Application with two E-WFS-GD44 Water Flow Sensors

