

## LAMPIRAN



**Keterangan : Valve Pengurasan**



**Keterangan : Proses Instalasi Sensor Kekeruhan**



**Keterangan : Proses Instalasi Box PCB**



**Keterangan : Proses larut PCB**



**Keterangan : Proses Pengeboran PCB**



**Keterangan : gambar box PBC dan aplikasi blynk server**

## Sensor Kekерuhan Air / Kekentalan Cairan / Viscosity Sensor



**Vsuplai: DC 3,3V/5V.**  
**Menggunakan sensor optic tipe through beam.**  
**Output: Analog ADC.**  
**Output bisa disambungkan ke Arduino (Arduino not included).**  
**Sensor berada di dalam pipa PVC 1/2.**  
**Pada kedua ujung pipa terdapat drat shock 1/2.**  
**Dimensi: panjang pipa 36 cm x dia 1/2.**  
**Dilengkapi: Referensi datasheet dan koding arduinonya**

**Keterangan : Sensor Kekерuhan**

Ordering Code 2W(UW) Series 2/2 Direct Acting Solenoid Valve (Big Orifice)

<b>2 W</b>	<b>1 6 0 - 1 5</b>	<b>F</b>	<b>D</b>	<b>□</b>	<b>A C 1 1 0 V</b>
<b>Type Code</b>	<b>Orifice</b>	<b>Joint Size</b>	<b>Coil Type</b>	<b>Control Style</b>	<b>Standard Voltage</b>
2W: Direction Solenoid Valve	160: 16mm 200: 20mm 250: 25mm 300: 30mm 350: 35mm 400: 40mm 500: 50mm	10: 3/8" 15: 1/2" 20: 3/4" 25: 1" 35: 1 1/4" 40: 1 1/2" 50: 2"	Blank: Flying leads D: DIN Type E: Anti-explosion Coil G: Water-Proof Coil	Blank: Normal Close T: Normal Open	DC12V DC24V AC24V 50/60Hz AC110V 50/60Hz AC220V 50/60Hz AC380V 50/60Hz
		<b>Mounting Type</b>			
		Blank: Standard F: With Flange			

**Keterangan : Solenoid Valve**

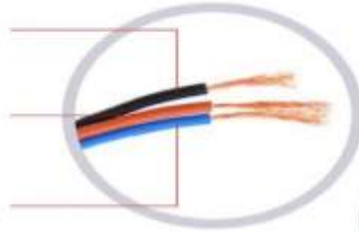
# Automa-88

+ Bold Copper

Common Wire (Black)

For Empty Only (Brown)

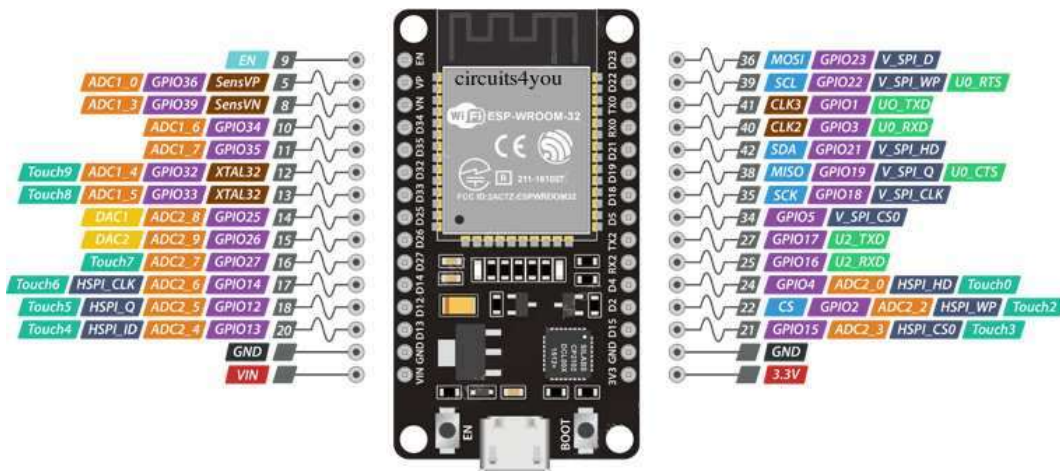
For Filling Only (Blue)



## Kabel 2M

Wiring Kabel :  
 Hitam (Common)  
 Coklat (ON saat Full & OFF saat Kosong)  
 Biru (ON saat Kosong & OFF saat Full)

Keterangan : Sensor Float Switch



### ESP32 Dev. Board Pinout

Keterangan : Data sheet ESP32