Features
- Based on reliable sharp GP2D12
- Less influence on the color of reflective objects.
- Detecting distance: 10 - 80 cm
- External control circuit is unnecessary
- Low cost

Specification
- Supply Voltage: -0.3 to +7 V
- Output Terminal Voltage: -0.3 to +0.3 V
- Operating Temperature: -10 to +60 °C
- Storage Temperature: -40 to +70 °C
- Measuring distance range: 10 – 80 cm
- Average supply current: 50 mA

Caution
- Please connect properly.
- Only for 10-80 cm range usable.
- For 0 - 10 cm, it returns garbage value back.
- Up to 10% tolerance possible

1. Connection

2. Mount/Installation

3. Usage

Code Example:
```
DIM Gp2d12_val AS INTEGER

Gp2d12_val = AD (6) ' 6 here depends on AD port connection

IF Gp2d12_val < 4 THEN Gp2d12_val = 4 ' Minimum setting
Gp2d12_val = Gp2d12_val - 3
Gp2d12_val = 6787 / Gp2d12_val
IF Gp2d12_val > 100 THEN Gp2d12_val = 0 ' Limit
RETURN
```

For more information, please visit www.robonova.de