



seeed studio
The IoT Hardware Enabler



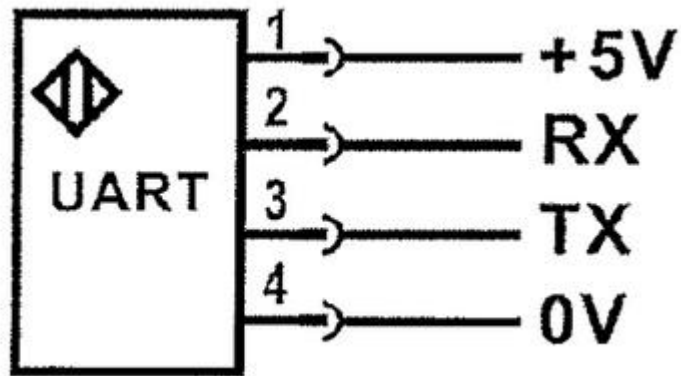
- By detecting the phase difference of the light pulse to perceive the distance to the target, this sensor can achieve the millimetre resolution.
- The unique HALIOS photoelectric detection technology adapts to strong sunlight environments, has strong temperature adaptability and small drift.
- Low influence on precision and accuracy from colour, surface roughness and material of target.
- Small size, small photosensitive surface, low product height
- Connection: 4 core, 0.8mm spacing connector

Specification

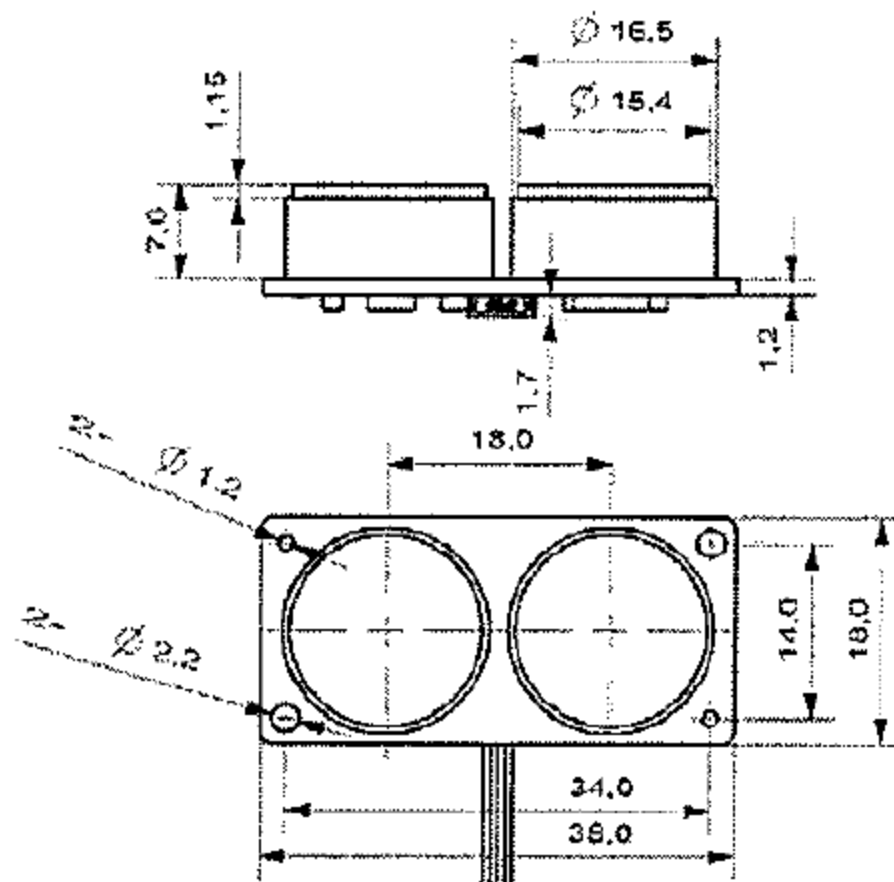
- Item: PSK-CM8JL65-CC5
- Voltage: 5VDC
- Current: $\leq 85\text{mA}$
- Light source: Infrared LED (850nm)
- Ambient light: 100.0001x
- Divergence angle: $\pm 1.4^\circ$
- Output: UART-TTL
- Response efficiency: 25HZ
- Testing range: 0.17-8m
- Resolution: 1mm
- Repeatability: 6%
- Detection accuracy: 5%
- Colour sensitivity: $\leq 10\%$

- Temperature: -15 to +55°C
- Protection level: IP50
- Material: ABS
- Connection: 4 core, 0.8mm spacing connector
- Weight: ≤10g

Connection Diagram:



Dimension:



ECCN/HTS

HSCODE	9031809090
USHSCODE	90318080
UPC	