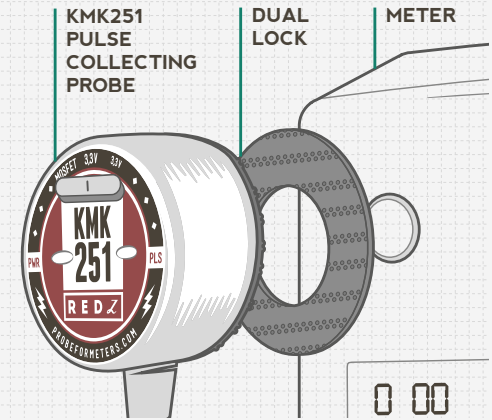


# KMK 251

REDZ KMK251 probe is designed in same physical dimensions with IEC 62056-21 standard. It is specially designed to collect the pulses of energy meters that are transmitted as light and to convert them electrical pulses. It has 4 wire output and 3 selectable PULSE OUTPUT option thus can easily be connected to any data collector to be able to count pulses.



# PULSE COLLECTING PROBE

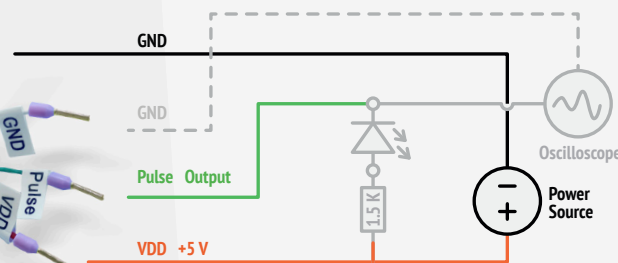
## MECHANICAL SPECIFICATIONS

Transparent Parts:	Transparent Poly Carbonate	Fixing to meter:	Strong and easy to use Dual Lock Mechanism
Weight:	~ 125 gr	Height:	~ 24 mm (with switch)
Diameter:	32 mm	Body and Back Cover Material:	ABS
Magnetic Force:	N38		

## ELECTRICAL SPECIFICATIONS

Standard:	Electronically compatible with IEC 62053-31 Class A (Pulse output devices for electromechanical and electronic meters). Mechanically compatible with IEC 62056-21 standard	Puls Voltage level:	According to switch position: <ul style="list-style-type: none"> <li>• Closed circuit voltage (equal to Vdd)</li> <li>• 3.3 V</li> <li>• 3.3 V</li> </ul>
Cable Length:	3 m	Wavelength:	Visible Light
Pulse Output:	Selectable with switch: <ol style="list-style-type: none"> <li>1. Open Collector</li> <li>2. TTL</li> <li>3. TTL Inverted Signal</li> </ol>	Operating Voltage:	5-12 V DC

### SWITCH POSITION 1 CONNECTION SCHEMA



### SWITCH POSITION 2 & 3 CONNECTION SCHEMA

