



RD

Pulser for cold and hot water meters Dynamic

Main Features

- Simple installation
- Pulsers can be fitted without breaking the meter seal
- Two different pulse values

APPLICATIONS

RD 01 and RD 011	for cold water meters up to 50 °C
RD 02 and RD 022	for hot water meters up to 130 °C
RD 01 and RD 02	for remote counters and batching systems
RD 011 and RD 022	for heat meters
RD 022 Ex	for use in explosive environment R

AVAILABLE VARIANTS

Pulser	Temperature	Order No.
RD 01	50 °C	11 78 01
RD 02	130 °C	11 78 02
RD 011	50 °C	11 78 03
RD 022	130 °C	11 78 04
RD 022 Ex	50 / 130 °C	11 20 29

Reed RD



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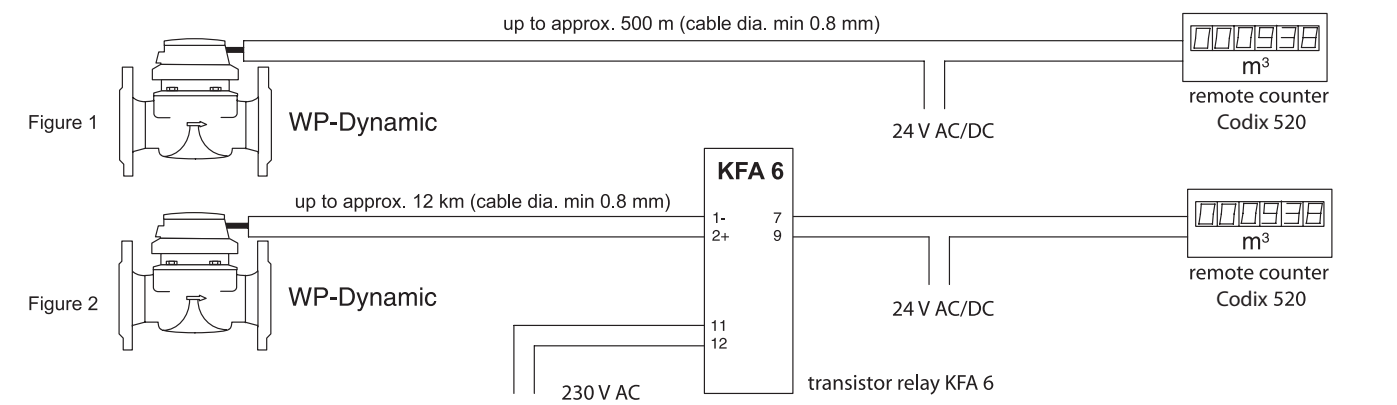
PERFORMANCE DATA

Switching component	Reed switch, plug type		
Switch protection RD 01/02	surge limiting resistor and voltage limiting varistor (VDR) switching voltage U_{max} switching current I_{max} switching power P_{max}	$= 48\text{ V AC/DC}$ $= 0.2\text{ A}$ $= 4\text{ W}$	
Switch protection RD 011/022	surge limiting resistor switching voltage U_{max} switching current I_{max} switching power P_{max}	$= 125\text{ V AC/DC}$ $= 0.035\text{ A}$ $= 2\text{ W}$	
RD 022 Ex	surge limiting resistor switching voltage U_{max} switching current I_{max} switching power P_{max}	$= 28\text{ V AC/DC}$ $= 0.035\text{ A}$ $= 0.98\text{ W}$	
Pulse duration	depending on flow in the meter at meter stop continuous pulse possible		
Protection	IP 68 (EN 60529)		
Temperature range	RD 01/011:	ambient temperature t_{amb} medium temperature t_m	$\leq 70\text{ °C}$ $\leq 50\text{ °C}$
	RD 02/022:	ambient temperature t_{amb} medium temperature t_m	$\leq 70\text{ °C}$ $\leq 150\text{ °C}$
Connection cable	length 3 m		

PULSE VALUES

Size of meter	DN	RKD / RPD 1 pulse Δ ...	40 ... 125 1 pulse Δ ...	150 ... 300 1 pulse Δ ...	DN 400 1 pulse Δ ...
Cold water meter	Standard	0.1 m ³ 0.01 m ³	1 m ³ 0.1 m ³	10 m ³ 1 m ³	100 m ³ 10 m ³
	with a special register	-	1 m ³ 0.01 m ³	10 m ³ 0.1 m ³	100 m ³ 10 m ³
Hot water meter	Standard	-	0.25 m ³ 0.1 m ³	2.5 m ³ 1 m ³	-
	with a special register	-	0.25 m ³ 0.025 m ³	2.5 m ³ 0.25 m ³	-

Wiring Example



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