









OPTICAL INCREMENTAL ENCODERS SELECTION TABLE

Model	Increments per revolution	Supply voltage	Output signals					Operating temperature	Protection level	Dimensions
			channels	phase shift	pulse duty factor	type	Permissible frequency			
FRP-4	24	+5V±5%	A,B	90°±36° el.	0.5±0.1	 TTL ₃	2kHz	-15°C ÷ +65°C	IP41	Ø40x68mm
FRP-6A	500/1024	+5V±5% ²	$\frac{A,B,C}{A,B,C}$	90°±36° el.	0.5±0.1	 TTL ₃	60kHz	-40°C ÷ +65°C	IP41	Ø57x87mm
FRP-6B	100	+5V±5% ²	$\frac{A,B}{A,B}$	90°±36° el.	0.5±0.1	 TTL ₃	10kHz	0°C ÷ +50°C	IP41	Ø60x126mm
FRP-7K	1024/1800/ 2000/2500 ¹	+5V±5% ²	$\frac{A,B,C}{A,B,C}$	90°±30° el.	0.5±0.05	 TTL ₃	100kHz	0°C ÷ +50°C	IP41/54	Ø71x100mm
FRP-7L	1024/1800/ 2000/ 2500 ¹	+5V±5% ²	$\frac{A,B,C}{A,B,C}$	90°±30° el.	0.5±0.05	 TTL ₃	100kHz	0°C ÷ +50°C	IP41	Ø90x80mm
ПИГ-6	100	+5V±5% ²	$\frac{A,B}{A,B}$	72°±30° el.	0.4±0.1	 TTL	2kHz	0°C ÷ +50°C	IP41	Ø80x148mm
ПИГ-6М	100	+5V±5% ²	$\frac{A,B}{A,B}$	72°±30° el.	0.4±0.1	 TTL	2kHz	0°C ÷ +50°C	IP41	Ø62x115mm
ПИГ-6Р	100	+5V±5% ²	$\frac{A,B}{A,B}$	72°±30° el.	0.4±0.1	 TTL	2kHz	0°C ÷ +50°C	IP41	Ø80x115mm

On request:

1. Possibility of increase or decrease of pulses per turn by 2 or 4 .
2. Embedded switched power supply +10V÷+30V DC.
3. Output "open collector".