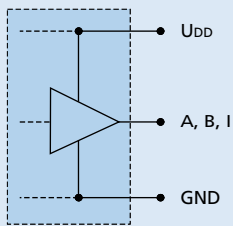
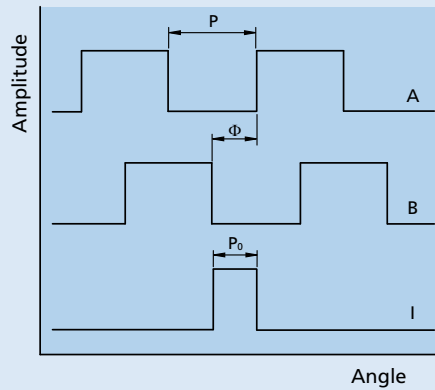


Circuit diagram / Output signals

Output circuit



Output signals
with clockwise rotation as seen from the shaft end



Connector information / Variants

Example product designation: 1627X012SXR IEX3-4096 7953

Option	Type	Description
7951	Ribbon Cable PVC	For combination with DC-Motors series SXR/GXR, encoder ribbon cable PVC, length 50 mm
X7951	Ribbon Cable PVC	For combination with DC-Motors series SXR/GXR, encoder ribbon cable PVC, length 100 mm
7954	Ribbon cable FEP	For combination with DC-Motors series SXR/GXR, encoder ribbon cable FEP, length 150 mm
7953	Connector	For combination with DC-Motors series SXR/GXR, connector variant with MOLEX Picoblade 51021-0800, recommended mating connector 51047-0800
7978	Temperature range	For combination with DC-Motors series SXR/GXR, up to 125°C, with encoder ribbon cable FEP, length 150 mm
7955	Single leads	For combination with DC-Motors series SXR/GXR, with single leads PTFE, length 150 mm
	Resolutions	Resolutions from 1 - 10 000 lines per revolution are available by request.

Connection Encoder

Standard		Option 7953	
No.	Function	No.	Function
1	N.C.	1	N.C.
2	GND	2	N.C.
3	U _{DD}	3	N.C.
4	Channel B	4	GND
5	Channel A	5	U _{DD}
6	Channel I	6	Channel B
		7	Channel A
		8	Channel I

Standard cable
PVC-ribbon cable,
6-AWG 28, 1,27 mm

Caution:
Incorrect lead connection will damage the electronics!

Dimensional drawing A

