

Absolute encoders – multiturn

Large hollow shaft	AX	Hollow shaft \varnothing 16 mm ... 45 mm
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The absolute encoder AX can be mounted on shafts from \varnothing 16 mm up to max. \varnothing 45 mm. It can be combined with the proven Kübler Sendix encoders with absolute interface.



<p>Robust</p> <ul style="list-style-type: none"> Decoupling of hollow shaft and encoder. Solid housing. Prove torque stop. 	<p>Flexible</p> <ul style="list-style-type: none"> Can be combined with all \varnothing 58 mm solid shaft encoders. Various variants for clamping ring attachment. Three different torque stop lengths.
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Order code	8 . A X X X . X X X X . X X X X							
	<table border="1" style="margin: auto;"> <tr> <td style="text-align: center;">a</td> <td style="text-align: center;">b</td> <td style="text-align: center;">c</td> <td style="text-align: center;">d</td> <td style="text-align: center;">e</td> <td style="text-align: center;">f</td> <td style="text-align: center;">g</td> </tr> </table>	a	b	c	d	e	f	g
a	b	c	d	e	f	g		
<p>a Clamping ring 1 = on the encoder side 2 = on the torque stop side</p> <p>b Torque stop 2 = with fastening arm 70 mm [2.76"] 4 = with fastening arm 100 mm [3.93"] 6 = with fastening arm 150 mm [5.91"]</p>	<p>c Through hollow shaft 9 = \varnothing 5/8" 1 = \varnothing 16 mm [0.63"] 2 = \varnothing 20 mm [0.79"] 4 = \varnothing 24 mm [0.94"] 5 = \varnothing 25 mm [0.98"] 6 = \varnothing 1" 7 = \varnothing 28 mm [1.10"] 8 = \varnothing 30 mm [1.18"] A = \varnothing 38 mm [1.50"] D = \varnothing 42 mm [1.65"] C = \varnothing 45 mm [1.77"]</p>	<p>d Encoder used M1 = Sendix M5861 F3 = Sendix F5863 F8 = Sendix F5868 68 = Sendix 5868</p>	<p>e Output circuit depends on the encoder used *)</p> <p>f Type of connection depends on the encoder used *)</p> <p>g Others depends on the encoder used *)</p> <p>*) Standard variants see below. Further variants see encoder data sheets.</p>					

Recommended standard variants (with absolute encoder)						
Order no.	Mounted encoder	Interface	Power supply	Type of connection	Resolution / Protocol	Option
8.Axxx.M134.3412	Sendix M5861 (8.M5861.3534.3412)	Analog, 4 ... 20 mA	10 ... 30 V DC	1 x radial M12 connector	12 bit / 4 ... 20 mA	scalable without limit switch function
8.Axxx.M144.4412	Sendix M5861 (8.M5861.3544.4412)	Analog, 0 ... 10 V	15 ... 30 V DC	1 x radial M12 connector	12 bit / 0 ... 10 V	scalable without limit switch function
8.Axxx.F324.G323	Sendix F5863 (8.F5863.1224.G323)	SSI	10 ... 30 V DC	1 x radial M23 connector	13 bit ST + 12 bit MT/SSI-Gray-Code	SET button + status LED
8.Axxx.F8AN.A222	Sendix F5868 (8.F5868.12AN.A222)	Ethernet/IP	10 ... 30 V DC	3 x axial M12 connector	Ethernet/IP	-
8.Axxx.F82F.2123	Sendix F5868 (8.F5868.122F.2123)	CANopen	10 ... 30 V DC	2 x radial M12 connector	CANopen encoder profile DS406 V3.2	SET button
8.Axxx.F86E.6112	Sendix F5868 (8.F5868.126E.6112)	Modbus	10 ... 30 V DC	1 x radial M12 connector	Modbus RTU application protocol V1.1b3	-
8.Axxx.6832.3113	Sendix 5868 (8.5868.1232.3113)	Profibus	10 ... 30 V DC	3 x radial M12 connector	PROFIBUS DP V0 encoder profile Class 2	SET button
8.Axxx.68B2.B212	Sendix 5868 (8.5868.12B2.B212)	EtherCAT	10 ... 30 V DC	3 x radial M12 connector	EtherCAT mit CoE 3.2.10	-
8.Axxx.68C2.C212	Sendix 5868 (8.5868.12C2.C212)	PROFINET IO	10 ... 30 V DC	3 x radial M12 connector	PROFINET encoder profile version 4.1	-

