

Overview Draw-wire systems

Draw-wire systems	Type	Available output signals		Linearity max. [%]	Measuring range			Mean distance per rotation	Housing	Encoder Type	
		incremental	absolute		short	medium	long			incremental	absolute
					0 m up to 5 m	0 m up to 10 m	0 m up to 40 m				
SZG50	Pure line	HTL, TTL (RS422 comp.)	CANopen, CANopen Lift, SAE J1939, SSI, RS485, IO-Link, EtherCAT, EtherNet/IP, Profinet, Universal-IE	+/- 0.1	2.4 m			150.75 mm	glass fibre reinforced plastic PBT GF20	WDGI 58A-AIX Shaft Ø 6 mm	WDGA 58A-AIX Shaft Ø 6 mm
SZG78	Pure line	HTL, TTL (RS422 comp.)	CANopen, CANopen Lift, SAE J1939, SSI, RS485, IO-Link, EtherCAT, EtherNet/IP, Profinet, Universal-IE	+/- 0.3 +/- 0.4	3.5 m 5.0 m			238.1 mm 238.7 mm	glass fibre reinforced plastic PA6 GF30	WDGI 58A-AIX Shaft Ø 6 mm	WDGA 58A-AIX Shaft Ø 6 mm
SZG107	Pure line	HTL, TTL (RS422 comp.)	CANopen, CANopen Lift, SAE J1939, SSI, RS485, IO-Link, EtherCAT, EtherNet/IP, Profinet, Universal-IE	+/- 0.05		7.5 m		333.32 mm	Plastic PA6	WDGI 58A-AIX Shaft Ø 6 mm	WDGA 58A-AIX Shaft Ø 6 mm
Draw-wire systems	Type	Available output signals		Linearity max. [%]	Measuring range			Disc circumference	Housing	Encoder Type	
		incremental	absolute		short	medium	long			incremental	absolute
					0 m up to 5 m	0 m up to 10 m	0 m up to 40 m				
SZG60	Robust line	HTL, TTL (RS422 comp.)	CANopen, SAE J1939, SSI, RS485, IO-Link	+/- 0.05	1.25 m			125 mm	Aluminium, anodised, spring case PA6	WDGI 36A Shaft Ø 6 mm	WDGA 36A Shaft Ø 6 mm
SZG95	Robust line	HTL, TTL (RS422 comp.)	CANopen, CANopen Lift, SAE J1939, SSI, RS485, IO-Link, EtherCAT, EtherNet/IP, Profinet, Universal-IE	+/- 0.05	3.0 m			200 mm	Aluminium, anodised, spring case PA6	WDGI 58B Shaft Ø 10 mm	WDGA 58B Shaft Ø 10 mm
SZG140	Robust line	HTL, TTL (RS422 comp.)	CANopen, CANopen Lift, SAE J1939, SSI, RS485, IO-Link, EtherCAT, EtherNet/IP, Profinet, Universal-IE	+/- 0.05	5.0 m			317.68 mm	Aluminium, anodised, spring case PA6	WDGI 58B Shaft Ø 10 mm	WDGA 58B Shaft Ø 10 mm
SZG165	Robust line	HTL, TTL (RS422 comp.)	CANopen, CANopen Lift, SAE J1939, SSI, RS485, IO-Link, EtherCAT, EtherNet/IP, Profinet, Universal-IE	+/- 0.05		8.0 m 10.0 m	20.0 m 40.0 m	357.14 mm (8 m) 333.33 mm	Aluminium, anodised, spring case PA6	WDGI 58B Shaft Ø 10 mm	WDGA 58B Shaft Ø 10 mm