



Manual



MOVIDRIVE® MDX61B

Assignment of Distance and Absolute Encoders
to DEU21B, DIP11B, DEH21B, DER11B and DEH11B





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1 Encoder Assignment

1.1 SSI encoders

Manufacturer	Encoder designation	Encoder type	DEU21B		DIP11B / DEH21B		DER11B		DEH11B	
			X14	X15	X62	X15	X14	X15	X14	X15
Balluff	BTL5-S112B-M1500-P-S32	Linear distance sensor	x		x					
Balluff	BTL5-S112-M1500-P-S32	Linear distance sensor	x							
Elgo	LIMAX2	Linear distance sensor	x		x					
IVO	GM 401	Rotary encoder	x		x					
IVO	GXMMW	Rotary encoder			x					
Kuebler	9081	Rotary encoder	x		x					
Kuebler	9081	Rotary encoder			x					
Leuze	AMS 200/200	Laser distance measuring device	x		x					
Leuze	BPS 37	Barcode distance sensor	x		x					
Leuze	AMS 304i	Laser distance measuring device	x							
Leuze	OMS1	Laser distance measuring device			x					
Leuze	OMS2	Laser distance measuring device			x					
MTS Sensors	RP	Linear distance sensor	x		x					
MTS Sensors	RH	Linear distance sensor	x		x					
MTS Sensors	RF	Linear distance sensor	x		x					
MTS Sensors	RD3	Linear distance sensor			x					
MTS Sensors	RD4	Linear distance sensor	x							
Pepperl+Fuchs	VDM100-150	Laser distance measuring device	x		x					
Pepperl+Fuchs	WCS2(A)-LS311	Barcode distance sensor	x		x					
Pepperl+Fuchs	WCS3(A)-LS311	Barcode distance sensor	x		x					
Pepperl+Fuchs	WCS3(B)-LS311	Barcode distance sensor	x		x					
Pepperl+Fuchs	PCV80S	Barcode distance sensor	x							
Sick/Stegmann	DME3000-x11	Laser distance measuring device	x		x					
Sick/Stegmann	DME4000-xx1	Laser distance measuring device	x		x					
Sick/Stegmann	DME5000-xx1	Laser distance measuring device	x		x					
Sick/Stegmann	AG 100 MSSl	Rotary encoder	x		x					
Sick/Stegmann	AG 626	Rotary encoder	x		x					
Sick/Stegmann	ARS60	Rotary encoder	x							
Sick/Stegmann	ATM60	Rotary encoder	x		x					
Sick/Stegmann	ATM90	Rotary encoder	x							
Sick/Stegmann	POMUX KH53	Linear distance sensor	x		x					
Sick/Stegmann	OLM100-1001	Linear distance sensor	x							
SIKO	MSA1000	Linear distance sensor	x							
TR Electronic	CE 58M SSI	Rotary encoder	x		x					
TR Electronic	CE 65M SSI	Rotary encoder	x		x					
TR Electronic	CE100MSSI	Rotary encoder			x					
TR Electronic	LA41K	Linear distance sensor	x		x					
TR Electronic	LE200	Laser distance measuring device	x		x					
TR Electronic	ZE65 M	Rotary encoder			x					
TR Electronic	LA66K SSI	Linear distance sensor			x					
TR Electronic	LE100 SSI	Laser distance measuring device			x					
Pepperl+Fuchs	EDM	Laser distance measuring device	x		x					

1.2 SSI combination encoders

Manufacturer	Encoder designation	Encoder type	DEU21B		DIP11B / DEH21B		DER11B		DEH11B	
			X14	X15	X62	X15	X14	X15	X14	X15
Pepperl+Fuchs	Axx58/AVM58X-1212	Rotary encoder	x	x	x					
Heidenhain	ROQ424	Rotary encoder	x	x	x					
Hübner	AMG73 S24 S2048	Rotary encoder	x	x	x					
Hübner	HMG161-S24 H2048 (AH7Y)	Rotary encoder	x		x					
Hübner	AMG83 S24 S2048	Rotary encoder	x	x	x					

1.3 Hiperface[®] encoders

Manufacturer	Encoder designation	Encoder type	DEU21B		DIP11B / DEH21B		DER11B		DEH11B	
			X14	X15	X62	X15	X14	X15	X14	X15
Sick/Stegmann	DME4000-xx7	Laser distance measuring device	x				x		x	
Sick/Stegmann	DME5000-xx7	Laser distance measuring device	x				x		x	
Sick/Stegmann	SKM 36	Rotary encoder	x	x		x	x		x	x
Sick/Stegmann	SKS 36	Rotary encoder	x	x		x	x		x	x
Sick/Stegmann	SRM 50	Rotary encoder	x	x		x	x		x	x
Sick/Stegmann	SRM 60	Rotary encoder	x	x		x	x		x	x
Sick/Stegmann	SRM 64	Rotary encoder	x	x		x	x		x	x
Sick/Stegmann	SRS 50	Rotary encoder	x	x		x	x		x	x
Sick/Stegmann	SRS 60	Rotary encoder	x	x		x	x		x	x
Sick/Stegmann	SRS 64	Rotary encoder	x	x		x	x		x	x
Sick/Stegmann	LinCoder L230	Linear encoder	x	x		x	x		x	x
Sick/Stegmann	TTK70 / only after consultation with SEW	Linear distance sensor	x	x						



1.4 CAN open encoders

Manufacturer	Encoder designation	Encoder type	DEU21B		DIP11B / DEH21B		DER11B		DEH11B	
			X14	X15	X62	X15	X14	X15	X14	X15
Pepperl+Fuchs	WCS3(B)-LS410	Barcode distance sensor	x							
Sick/Stegmann	DME4000-x19	Laser distance measuring device	x							
TR Electronic	CE 58M CAN/open	Rotary encoder	x							
TR Electronic	LE200 CAN/open	Linear encoder	x							

1.5 EnDat encoders

Manufacturer	Encoder designation	Encoder type	DEU21B		DIP11B / DEH21B		DER11B		DEH11B	
			X14	X15	X62	X15	X14	X15	X14	X15
Heidenhain	ECN1313	Rotary encoder	x	x						
Heidenhain	EQN1125	Rotary encoder	x	x						
Heidenhain	EQN1325	Rotary encoder	x	x						
Heidenhain	EQN425	Rotary encoder	x	x						
Heidenhain	ECN113	Rotary encoder	x	x						

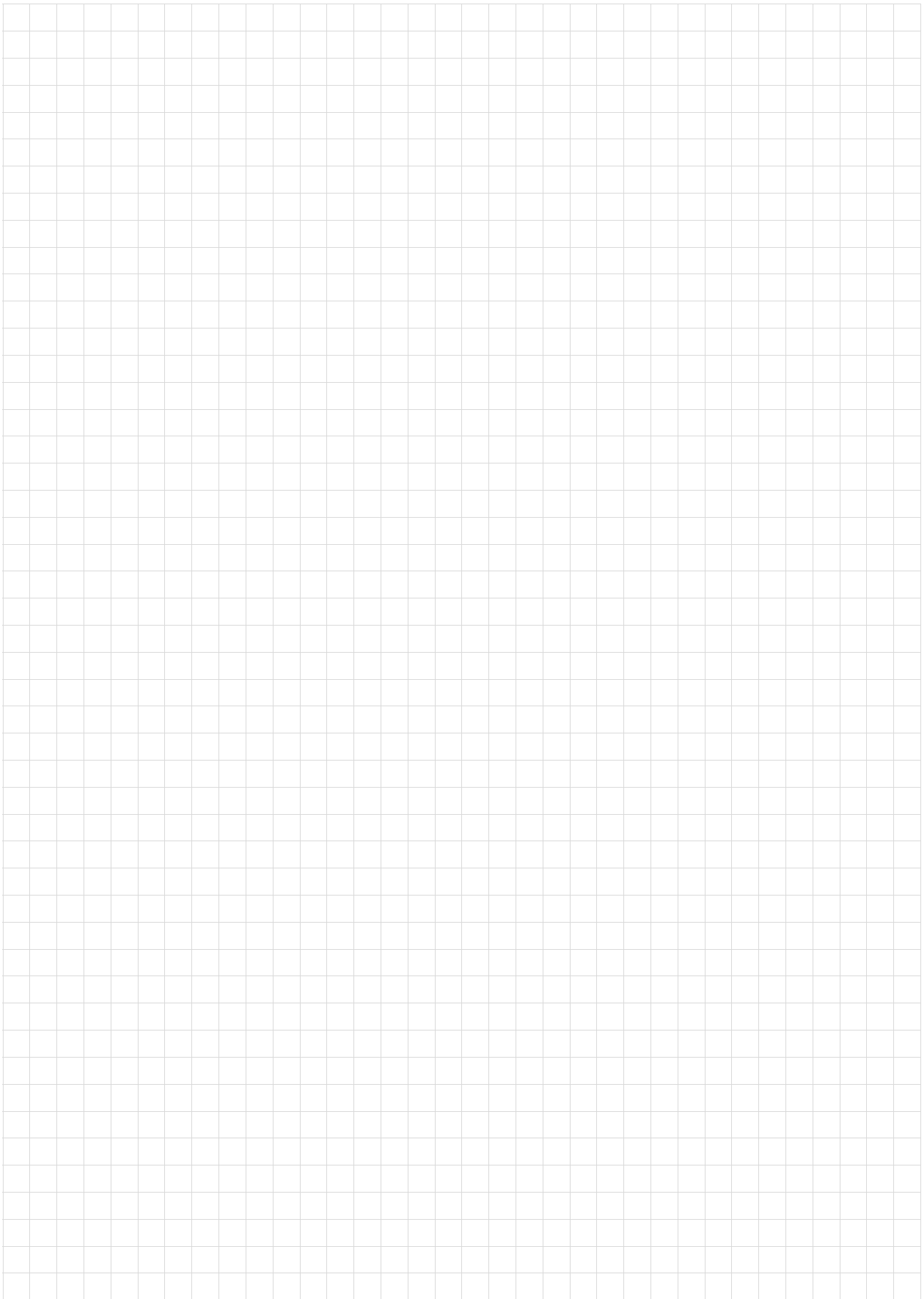


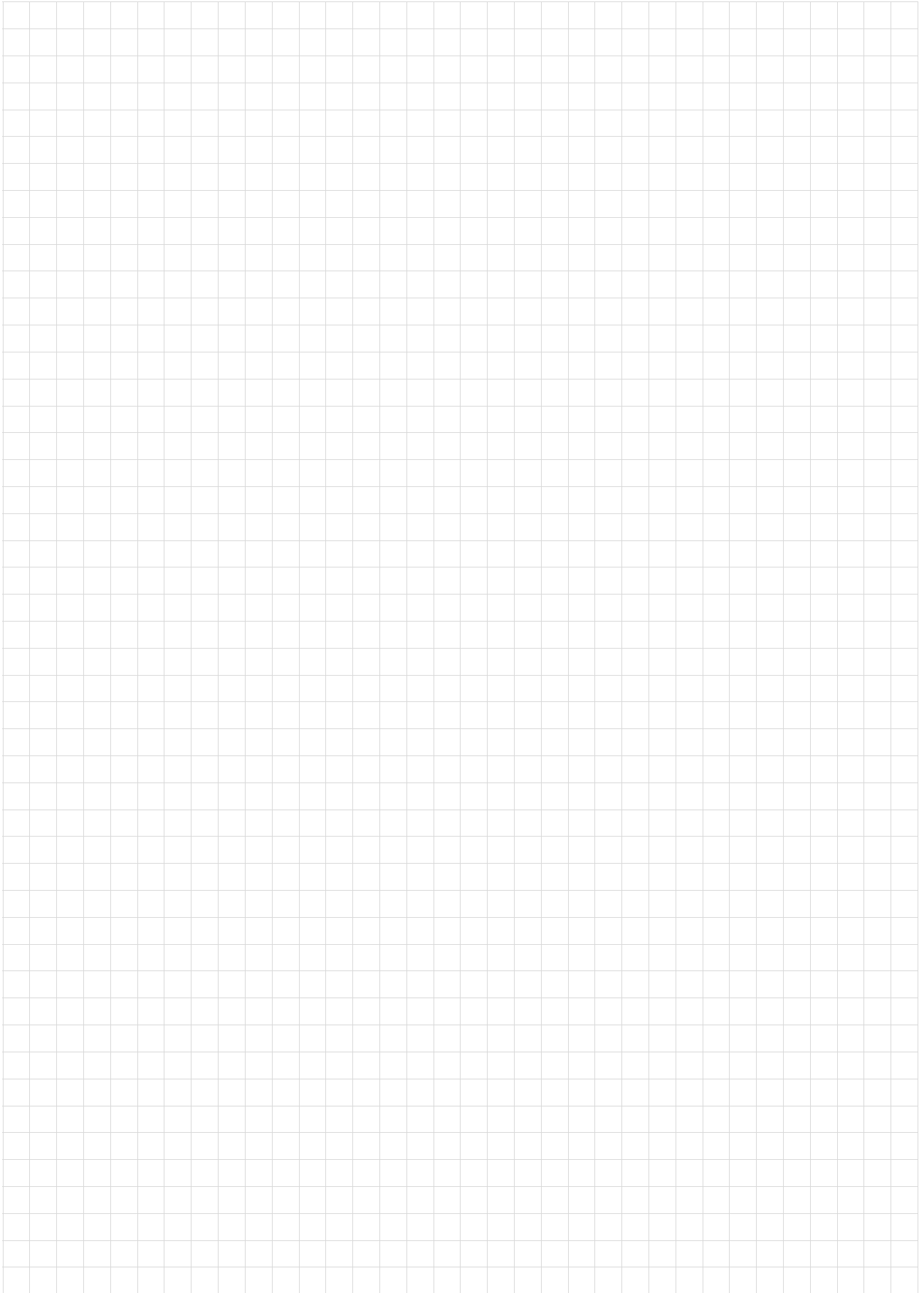
2 Order Designations

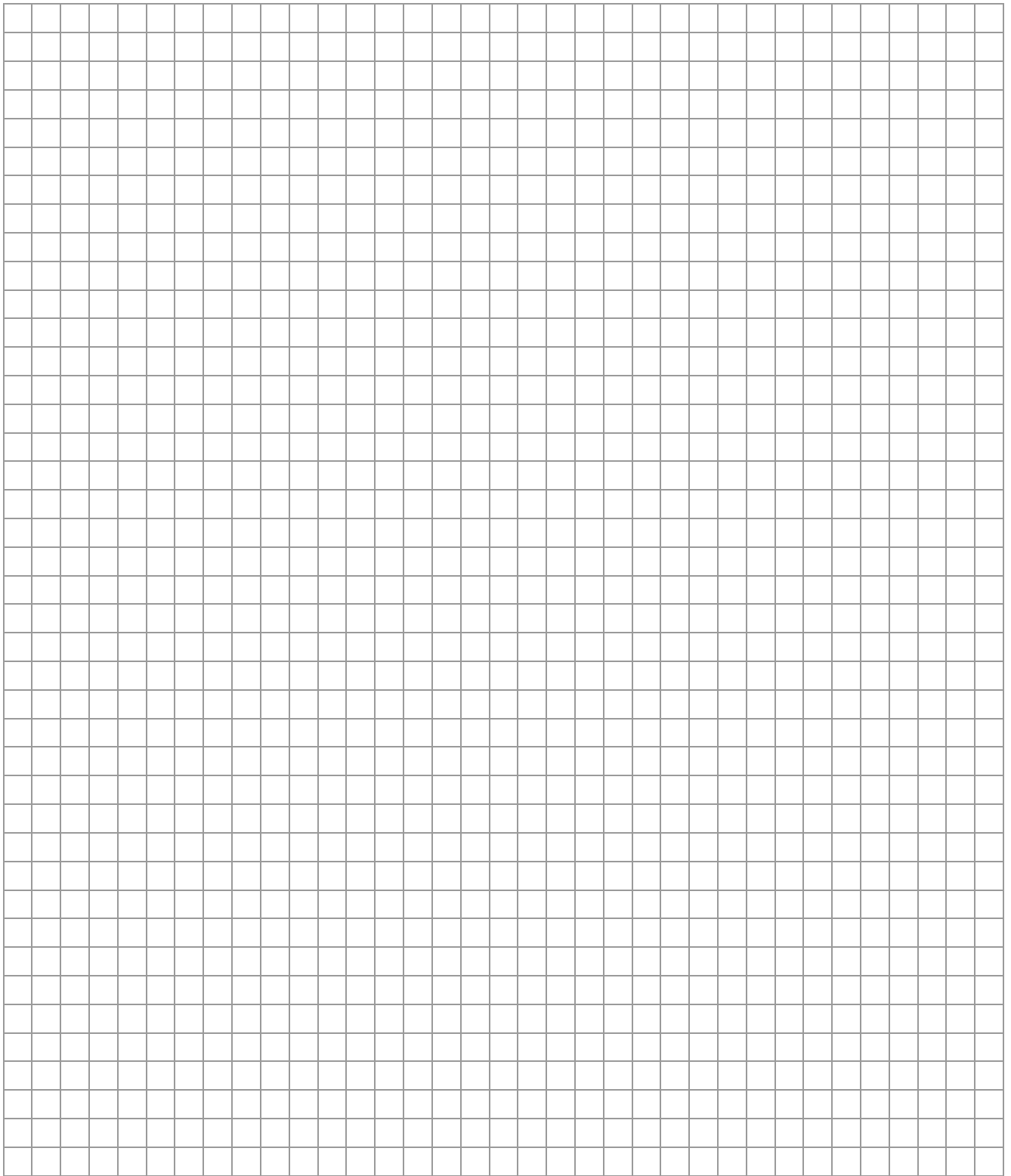
Encoder type	Manufacturer	Encoder designation	Order designation	Encoder type
SSI encoder	Balluff	BTL5-S112B-M1500-P-S32	BTL5-S112B-Mxxxx-P-xxx	Linear distance sensor
SSI encoder	Balluff	BTL5-S112-M1500-P-S32	BTL5-S112-Mxxxx-P-xxx	Linear distance sensor
SSI encoder	Elgo	LIMAX2	LIMAX2-00-030-0125-SSG1-D15M0	Linear distance sensor
SSI encoder	IVO	GM 401	GM401.x20xxxx	Rotary encoder
SSI encoder	IVO	GXMMW	GXMMW.x20 xxxx	Rotary encoder
SSI encoder	Kuebler	9081	8.9081xxxx2003	Rotary encoder
SSI encoder	Kuebler	9081	8.9081xxxx2004	Rotary encoder
SSI encoder	Leuze	AMS 200/200	AMS200/xxx-11-x	Laser distance measuring device
SSI encoder	Leuze	BPS 37	BPS37xx-xxx-xx	Barcode distance sensor
SSI encoder	Leuze	AMS 304i	AMS 304i xxx x	Laser distance measuring device
SSI encoder	Leuze	OMS1	–	Laser distance measuring device
SSI encoder	Leuze	OMS2	OMS2xx PB	Laser distance measuring device
SSI encoder	MTS Sensors	RP	RP-x-xxxxM-xxx-1-S3G1105	Linear distance sensor
SSI encoder	MTS Sensors	RH	RH-x-xxxxM-xxx-1-S3G1105	Linear distance sensor
SSI encoder	MTS Sensors	RF	RF-x-xxxxM-xxx-1-S3G1105	Linear distance sensor
SSI encoder	MTS Sensors	RD3	RD3-x-xx-xxxxM-xxx-1-S3G105	Linear distance sensor
SSI encoder	MTS Sensors	RD4	RD4-x-xx-xxxxM-xxx-S3G1105	Linear distance sensor
SSI encoder	Pepperl+Fuchs	VDM100-150	VDM100-150	Laser distance measuring device
SSI encoder	Pepperl+Fuchs	WCS2(A)-LS311	WCS2(A)-LS311	Barcode distance sensor
SSI encoder	Pepperl+Fuchs	WCS3(A)-LS311	WCS3(A)-LS311	Barcode distance sensor
SSI encoder	Pepperl+Fuchs	WCS3(B)-LS311	WCS3(B)-LS311	Barcode distance sensor
SSI encoder	Pepperl+Fuchs	PCV80S	PCV80S-F200-SSI-V19	Barcode distance sensor
SSI encoder	Sick/Stegmann	DME3000-x11	DME3000-x11	Laser distance measuring device
SSI encoder	Sick/Stegmann	DME4000-xx1	DME4000-xx1	Laser distance measuring device
SSI encoder	Sick/Stegmann	DME5000-xx1	DME5000-xx1	Laser distance measuring device
SSI encoder	Sick/Stegmann	AG 100 MSSl	AG100 412400000000	Rotary encoder
SSI encoder	Sick/Stegmann	AG 626	ATM60AxA12X12	Rotary encoder
SSI encoder	Sick/Stegmann	ARS60	ARS60-Axxxxxxx	Rotary encoder
SSI encoder	Sick/Stegmann	ATM60	ATM60-AxA12X12	Rotary encoder
SSI encoder	Sick/Stegmann	ATM90	ATM90-AxA12X12	Rotary encoder
SSI encoder	Sick/Stegmann	POMUX KH53	POMUX KH54	Linear distance sensor
SSI encoder	Sick/Stegmann	OLM100-1001	OLM100-1002	Linear distance sensor
SSI encoder	SIKO	MSA1000	MSA1000	Linear distance sensor
SSI encoder	TR Electronic	CE 58M SSI	Cx58M-SSI/SEW	Rotary encoder
SSI encoder	TR Electronic	CE 65M SSI	Cx65M-SSI/SEW	Rotary encoder
SSI encoder	TR Electronic	CE100MSSI	Cx100xxxMSSI	Rotary encoder
SSI encoder	TR Electronic	LA41K	304-00319-xxxx	Linear distance sensor
SSI encoder	TR Electronic	LE200	LE200 SSI 2200-20002	Laser distance measuring device
SSI encoder	TR Electronic	ZE65 M	Zx65xxxSSI	Rotary encoder
SSI encoder	TR Electronic	LA66K SSI	-	Linear distance sensor
SSI encoder	TR Electronic	LE100 SSI	LE100SSI	Laser distance measuring device
SSI encoder	Pepperl+Fuchs	EDM	–	Laser distance measuring device
SSI combination encoder	Pepperl+Fuchs	Axx58/AVM58X-1212	Axx58x-xxxxxxGx-1212	Rotary encoder



Encoder type	Manufacturer	Encoder designation	Order designation	Encoder type
SSI combination encoder	Heidenhain	ROQ424	ROQ424	Rotary encoder
SSI combination encoder	Hübner	AMG73 S24 S2048	AMG73 S24 S2048	Rotary encoder
SSI combination encoder	Hübner	HMG161-S24 H2048 (AH7Y)		Rotary encoder
SSI combination encoder	Hübner	AMG83 S24 S2048	AMG83 S24 S2048	Rotary encoder
Hiperface® encoder	Sick/Stegmann	DME4000-xx7	DME4000-x17	Laser distance measuring device
Hiperface® encoder	Sick/Stegmann	DME5000-xx7	DME5000-x17	Laser distance measuring device
Hiperface® encoder	Sick/Stegmann	SKM 36	SKM36-HVx0-K02	Rotary encoder
Hiperface® encoder	Sick/Stegmann	SKS 36	SKS36-HVx0-K02	Rotary encoder
Hiperface® encoder	Sick/Stegmann	SRM 50	SRM50-HGx0-K0x	Rotary encoder
Hiperface® encoder	Sick/Stegmann	SRM 60	SRM60-HGx0-K0x	Rotary encoder
Hiperface® encoder	Sick/Stegmann	SRM 64	SRM64-HRx0-K0x	Rotary encoder
Hiperface® encoder	Sick/Stegmann	SRS 50	SRS50-HGx0-K0x	Rotary encoder
Hiperface® encoder	Sick/Stegmann	SRS 60	SRS60-HGx0-K0x	Rotary encoder
Hiperface® encoder	Sick/Stegmann	SRS 64	SRS64-HRx0-K0x	Rotary encoder
Hiperface® encoder	Sick/Stegmann	LinCoder L230	L230-P58002S00000	Linear encoder
Hiperface® encoder	Sick/Stegmann	TTK70 / only after consultation with SEW	–	Linear distance sensor
CANopen encoder	Pepperl+Fuchs	WCS3(B)-LS410	WCS3(B)-LS410	Barcode distance sensor
CANopen encoder	Sick/Stegmann	DME4000-x19	DME4000-x19	Laser distance measuring device
CANopen encoder	TR Electronic	CE 58M CAN/open	Cx58M-CAN/open	Rotary encoder
CANopen encoder	TR Electronic	LE200 CAN/open	LE200 CAN/open	Linear encoder
EnDat encoder	Heidenhain	ECN1313	ECN1313/EnDat01	Rotary encoder
EnDat encoder	Heidenhain	EQN1125	EQN1125/EnDat01	Rotary encoder
EnDat encoder	Heidenhain	EQN1325	EQN1325/EnDat01	Rotary encoder
EnDat encoder	Heidenhain	EQN425	EQN425/EnDat01	Rotary encoder
EnDat encoder	Heidenhain	ECN113	ECN113/EnDat01	Rotary encoder









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