



Encoders

Rotary Encoders Incremental/Absolute
Linear Encoders
Motor Feedback Systems

SICK
Sensor Intelligence.

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Adapter	Interface Adapter Module
Motor Feedback Systems	Incremental Motor Feedback Systems
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	Linear Motor Feedback Systems with HIPERFACE®



		Incremental Encoders			Absolute Encoders				
					Singleturn		Multiturn		
		DFS60	DKS40	DKV60	ARS60	AFS60	AFM60	ATM60	ATM90
Should an absolute position always be measured?	> Yes				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	> No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
How many absolute turns should be measured?	> No absolute measurement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	> 1				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
	> 2 or more						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Which Interface connection is required?	> TTL (5 V) pulses/ HTL (10 to 30 V) pulses	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
	> Parallel data word				<input checked="" type="checkbox"/>				
	> SSI data word				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	> Bus connectivity, data word							<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
What is the maximum diameter available?	> Up to 40 mm		<input checked="" type="checkbox"/>						
	> Up to 60 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	> Up to 90 mm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
What type of mounting shaft is required?	> Face mount flange solid shaft	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	> Servo flange solid shaft	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	> Blind hollow shaft	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	> Through hollow shaft	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
	> Measuring wheel			<input checked="" type="checkbox"/>					
Is a shaft diameter > 16 mm required?	> Yes								
	> No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
What resolution is required (pulses/steps)?	> Low (max. 8,192)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	> Middle (> 8,192)	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>				
	> Low (max. 8,192)	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Is a solution enabling programming by the customer required (resolution, zero-pulse ...)?	> Yes	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	> No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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DFS60



DKS40



DKV60



ARS60



AFS60/AFM60



ATM60/ATM90

Rotary Encoders

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Absolute Encoders

Linear Encoders

Wire Draw Encoders

Non-Contact
Linear Encoders

Adapter

Interface Adapter Module

Motor Feedback Systems

Incremental
Motor Feedback Systems

Motor Feedback Systems
with HIPERFACE®

Linear Motor Feedback
Systems with HIPERFACE®