Rexroth
Bosch Group

Control units

Single-axis
BASIC PROFIBUS

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The PROFIBUS fieldbus interface has been used successfully for many years in automated manufacturing technology and process automation. This bus system is the means by which the control system cyclically exchanges with the bus users all the specified and actual values, including status signals and diagnostic messages. The correct interface for connecting the IndraDyn motors or other standardized encoders, such as Hiperface®, is already integrated.

Start-up with the IndraWorks engineering framework is a convenient option via PROFIBUS.

Technical data

IndraDrive control units		
Master communication		
PROFIBUS		●
Configurations		
Option 1	Geberschnittstelle	●
Safety option		●
Encoder interfaces		
IndraDyn motors MSK, MKE, MAD and MAF, Hiperface®, 1 Vpp and 5 V TTL		●
Safety options compliant with EN 13849-1 und EN 62061		
Safe Torque Off (Cat. 3 PL e/SIL 3)		○
Operation panel		
Standard		●
Cycle times		
Current control	[µs]	125
Velocity control	[µs]	250
Position control	[µs]	500
PWM frequency		
4 kHz		●
Inputs/outputs		
Digital inputs		5
Digital inputs utilizable for touch probes		1
Digital inputs/outputs (user-defined settings)		3
Relay outputs		1

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Interfaces		
RS232		●
Control voltage data		
Control Voltage		24 VDC
Power consumption without options	[W]	7.5

● Basic configuration
○ Option

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