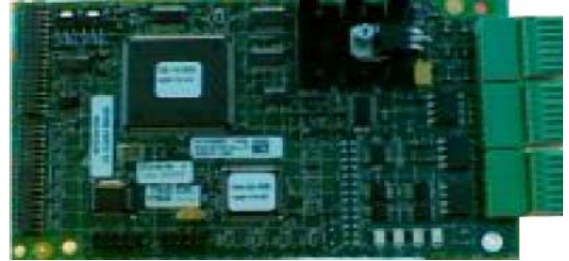


Product Details and Certifications

Cross Reference RA Part Number: PN-42944

 **Product: 20D-HEID-D0**

Description: PowerFlex 700S, Heidenhain High Resolution EnDat Encoder



Representative Photo Only (actual product may vary based on configuration sections)

ACCESSORY SELECTION

Bulletin Number	20D-H Heidemhain Encoder Kit
Accessory Selection	Individual Accessory Selection

SELECTION

PowerFlex 700S Control

Power
Safety Solutions for PowerFlex® Drives
 PowerFlex 7-Class Options

Communication Option Kits

Description	Cat. No.	Used with PowerFlex Drive				
		70	700H	700S	700L	753/755
BACnet® MS/TP RS485 Communication Adapter	20-COMM-B	✓	✓			
ControlNet™ Communication Adapter (Coax)	20-COMM-C	✓	✓	✓	✓	✓ ‡
ControlNet™ Communication Adapter (Coax) Conformal Coat	20-COMM-C-MX3	✓	✓	✓	✓	✓ ‡
DeviceNet Option Module	20-750-DNET					✓
DeviceNet™ Communication Adapter	20-COMM-D	✓	✓	✓	✓	✓ ‡
DeviceNet™ Communication Adapter Conformal Coat	20-COMM-D-MX3	✓	✓	✓	✓	✓ ‡
EtherNet/IP™ Communication Adapter	20-COMM-E	✓	✓	✓	✓	✓ ‡
EtherNet/IP™ Communication Adapter Conformal Coat	20-COMM-E-MX3	✓	✓	✓	✓	✓ ‡
HVAC Communication Adapter	20-COMM-H	✓	✓	✓ ⌘		✓ ⌘ ‡
Interbus™ Communication Adapter	20-COMM-I	✓	✓	✓	✓	✓ ‡
CANopen® Communication Adapter	20-COMM-K	✓	✓	✓	✓	✓ ‡
LonWorks® Communication Adapter	20-COMM-L	✓	✓			
Modbus/TCP Communication Adapter	20-COMM-M	✓	✓	✓	✓	✓ ‡
PROFIBUS™ DP Communication Adapter	20-COMM-P	✓	✓	✓	✓	✓ ‡
ControlNet™ Communication Adapter (Fiber)	20-COMM-Q	✓	✓	✓	✓	✓ ‡
Remote I/O Communication Adapter	20-COMM-R	✓	✓	✓	✓	✓ ‡
Remote I/O Communication Adapter Conformal Coat	20-COMM-R-MX3	✓	✓	✓	✓	✓ ‡
RS485 DF1 Communication Adapter	20-COMM-S	✓	✓	✓	✓	✓ ‡
RS485 DF1 Communication Adapter Conformal Coat	20-COMM-S-MX3	✓	✓	✓	✓	✓ ‡
External Communications Kit Power Supply	20-XCOMM-AC-PS1	✓	✓	✓	✓	✓
DPI External Communications Kit	20-XCOMM-DC-BASE	✓	✓	✓	✓	✓
External DPI I/O Option Board >	20-XCOMM-IO-OPT1	✓	✓	✓	✓	✓
Compact I/O Module (3 Channel)	1769-SM1	✓	✓	✓	✓	✓
DriveLogix ControlNet Communication Adapter (Coax) ⚡	1788-CNC			✓	✓ +	
DriveLogix Comm Option, ControlNet Redundant (Coax) ⚡	1788-CNCR			✓	✓ +	
DriveLogix Comm Option, ControlNet (Fiber) ⚡	1788-CNF			✓	✓ +	
DriveLogix Comm Option, ControlNet Redundant (Fiber) ⚡	1788-CNFR			✓	✓ +	
DriveLogix Comm Option, DeviceNet (Open Conn.) ⚡	1788-DNBO			✓	✓ +	
DriveLogix Comm Option, EtherNet/IP (Twisted Pair) ⚡	1788-ENBT			✓	✓ +	
DriveLogix5730 Comm Option, Embedded EtherNet/IP	20D-DL2-ENET0			✓	✓ +	

- > For use only with DPI External Communications Kits 20-XCOMM-DC-BASE.
- ⚡ Only Modbus RTU can be used (PowerFlex 700 - Vector Control only).
- ⚡ For use with DriveLogix option only. Requires Logix Expansion Board (20D-DL2-LEB0).
- ‡ Requires a Communication Carrier Card (20-750-20COMM). Refer to page 6-67 for compatibility details.
- + When using a PowerFlex 700S control.

Feedback Options

Description	Cat. No.	Used with PowerFlex Drive				
		70	700H	700S	700L	753/755
5V/12V Encoder ❖	20A-ENC-1	✓				
12V/5V Encoder	20B-ENC-1				✓ ▲	
12V/5V Encoder with Conformal Coat	20B-ENC-1-MX3					
Multi-Device Interface >	20D-MDI-C2			✓	✓ +	
2nd Encoder, 5V/12V >	20D-P2-ENC0			✓	✓ +	
Resolver >	20D-RES-A1			✓	✓ +	
Stegmann High Resolution Hyperface Encoder >	20D-STEG-B1			✓	✓ +	
Heidenhain High Resolution EnDat Encoder	20D-HEID-D0			✓	✓ +	
Incremental Encoder	20-750-ENC-1					✓
Dual Incremental Encoder	20-750-DENC-1					✓
Universal Feedback (includes Stegmann, Heidenhain, SSI, Biss, Incremental)	20-750-UFB-1					✓ *

- ❖ Works only with PowerFlex 70 Enhanced Control.
- > Requires Expanded Cassette
- ▲ When using a PowerFlex 700 with Vector Control.
- * PowerFlex 755 only.
- + When using a PowerFlex 700S control.

