

[View in browser](#)



[Home](#)

[Contact Us](#)

Celebrating 61 years in
business!



***W. H. Cooke & Co. wishes everyone a wonderful
Thanksgiving!***

***We are closed Thursday, 11/28/24
and will reopen Friday, 11/29/24.***

W. H. Cooke & Co. has been in business since 1963, serving our customers as a manufacturer of thermocouples, RTD's, and thermistors and a distributor of instrumentation and controls for

temperature, pressure, level, flow, pH, RH, flame and gas detection and heaters.












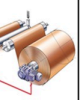


Our product range includes chart recorders, chart paper, pens, paperless recorders, data loggers, pumps, valves, motors, industrial oils, solvents, PPE, and lubricants.

We offer calibration and repair services as well.

New Line Danfoss Drives



**W. H. Cooke & Co. is an authorized distributor for
Danfoss Drives. Please reach out for a quote!
team@whcooke.com or call 717-630-2222**

Pump	Fan	Grinder & Roller	Mixer	Dosing systems	Kneader	Centrifuge	Decanter	Extruder (Plastic)	Extruder (Aluminum)
									
Dryer	Compressor	Crusher	Material Handling & Packaging	Winding, undinding	Drilling	Kiln	Vertical and horizontal movement	Positioning, Synchronization	
									

Product offering

A VFD for **every application** and need.



VLT® AutomationDrive EZ FC 321
Designed for easy distribution



Designed for variable speed control of all asynchronous and permanent magnet motors, on any industrial machine or production line, the VLT® AutomationDrive EZ FC 321 helps you save energy, improve flexibility, and optimize processes.

Flexible and expandable
With a flexible modular design, the AutomationDrive EZ FC 321 is packed with standard features which can be expanded with plug-and-play options with additional features and fieldbuses. Safe Torque-Off is a standard safety feature that can be applied through hardwired safety.

Printed circuit board protection
The AutomationDrive EZ FC 321 conforms to class 3C2 (IEC 60721-3-3) as standard. If used in particularly harsh conditions, it is possible to order a special coating that complies with class 3C3. Drives above 100 HP come standard with 3C3.

Robust and reliable
 MV Automation Drive EZ FC321 is a proven performer in all industrial environments and grid voltages, including 600V Endosures are available up to NEMA 4X (depending on model), and Integrated DC chokes and RFI filters in all models protect installations by minimizing harmonic distortion and electromagnetic interferences. All drives are tested at full-load before leaving the factory.

Power range:

3 x 200 – 240 V	0.33 HP – 100 HP
3 x 380 – 480/500 V	0.5 HP – 200 HP
3 x 525 – 600 V	1 HP – 100 HP
3 x 525 – 690 V	1.25 HP – 200 HP

Easy set up and commissioning
The VLT® AutomationDrive EZ FC 321 is easy to set up and operate via the user-friendly graphical control panel, requires minimal maintenance, and delivers a market leading control solution which provides a fast return on investment with a highly competitive cost of ownership.

Smart Start provides wizard groups for several of the most common applications, including conveyors, pumps and fans, and setup with mechanical brake. With the settings to run these applications already in place, you can get your machine up and running faster, increasing your productivity.

Features	Benefits
Intuitive	Maximum uptime
Ambient temperature 122°F without direct fan-forces	Less need for cooling or over-sizing
Available in Chassis NEMA 1, NEMA 12	Endorsed for all environments
NEMA 4X enclosures	Low lifetime cost
Resistant to wear and tear	Maximum safety for the FC and the application can be done in the AC Drive
Maintenance assistant	Optimizing performance and operating cost
On-site cooling fan	Proven lifetime of external cooling fan
Plug-and-play technology	Easy upgrade and changeover
Interlocking and associated sensors	Redundant of the trips in the drive suggests a problem with the drive which help incident
Intrusive aware wiring (IP control panel with speed and sensor type controls with plug-in terminals)	Use friendly and save time
Multiple languages	Fast Eject, Secure connection
PL-function blocks	Use-friendly
Modular design	Reduce engineering time to develop custom functions
Programming and commissioning	Helps reduce space to wire and provides a faster time to install and configure drive
	Simplified commissioning and programming using standard I/O blocks and powerful file software tools
Intelligent	
Intelligent wiring systems	Warning before controlled stop
Smart Logic Control	Reduces need for PLC capacity. Total number of quantities 4 parallel. Number of blocks per sensor 20
Safe Stop / Safe Torque Off	Built-in safety can help lower your total system costs, boost safety and availability and reduce downtime
ITO Safe Torque Off (STO) & STO50-2	PLC redundancy 3000 I/O blocks, Stop at EDC 40204-1
Intelligent fleet management	SLC 40204-1 I/O 15000 I/O
AMA (Motion Master Adaptive)	Set parameter individually in the stop state to limit motor and optimization without decelerating any
4 Alarm types	Set parameter individually in each of the 4 trips, that means 1 single parameter can have 4 different data values
Smart Start Wizards	Designed for machine application with examples, built-in and online configured parameters – that need speed

www.danfossdrives.com | **VLT**

Fieldbus options

- Fieldbus options**
- VLT® PROFIBUS DP MCA 101
 - VLT® DeviceNet MCA 104
 - VLT® PROFINET MCA 120
 - VLT® Ethernet/IP MCA 121
 - VLT® Modbus TCP MCA 122
 - Modbus RTU is included as standard

I/O option

- VLT® 24 V External Supply MCB 107

Power options

- VLT® Brake resistors MCE 101
- VLT® Sine-Wave Filters MCC 101
- VLT® dv/dt Filters MCC 102
- VLT® All-mode sine wave filter MCC 201
- VLT® Common Mode Filter MCC 105
- VLT® Advanced Harmonic Filters AHF 005/010

Other accessories

- NEMA 1/P 21 Kit (convert chassis to NEMA 1)
- Decoupling plate for fieldbus cables
- USB connection cable to PC
- LCP panel mounting kit
- Mains disconnect and fuse option (NEMA 12/4X)
- USB Extension

Brake chopper (IGBT) option

Brake chopper (IGBT) option
Dissipates extra energy to a Brake Resistor from
Regenerating motor loads.



N°20/Chassis N°66/NEMA UL Type 4.

Typecode

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	IJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ
Phase one char 10	Whisper char 10-12										Echoes char 10-12										F1Char 16-17										Ubi braker 18																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
02500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

*D-farne oil

Dantosa can accept no responsibility for possible errors in catalogues, brochures and other printed material. Dantosa reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without consequential charges being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Dantosa and the Dantosa logo are trademarks of Dantosa A/S. All rights reserved.

SECURITY #12

ULP is a trademark of Cuyt Inc. A.

© 2006 Blackwell Publishing Ltd *Journal of Internal Medicine* 260: 105–112

1 Week Lead Time for MOST Thermocouples & RTD's!

Since 1963

THERMOCOUPLES & RTDS



W. H. COOKE & CO., INC.
6868 York Road
P. O. Box 893
Hanover, PA 17331

Phone: (717) 630-2222

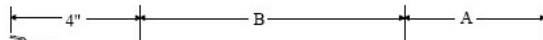

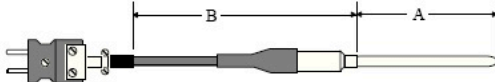
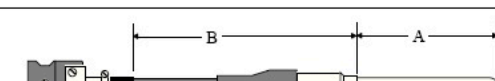
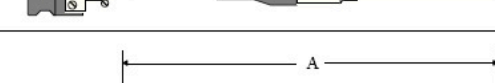
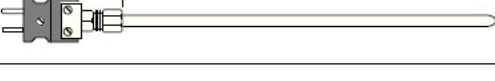



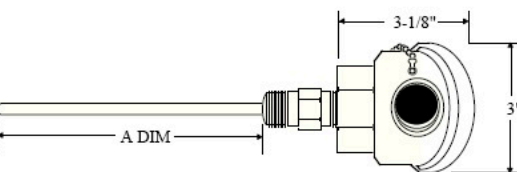
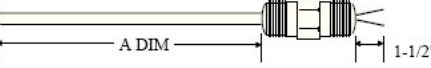
Fax: (717) 637-9999

Email: team@whcooke.com

Web: www.whcooke.com

[Click here for
Thermocouple & RTD Brochure](#)

LUNAR-PAK MINERAL INSULATED (BENDABLE) T/C'S

HOT JUNCTION TYPES			
	Grounded (G)	Ungrounded (UG)	Exposed (E)
FIG. 1	Thermocouple w/20 ga. fiberglass insulated lead wire.		
FIG. 2	Thermocouple w/20 ga. fiberglass insulated lead wire and stainless steel overbraid.		
FIG. 3	Thermocouple w/20 ga. fiberglass lead wire and terminated with male plug.		
FIG. 4	Thermocouple w/20 ga. fiberglass insulated lead wire and stainless steel overbraid and terminated with male plug.		
FIG. 5	Thermocouple w/20 ga. fiberglass insulated lead wire and terminated with female jack.		
FIG. 6	Thermocouple w/20 ga. fiberglass insulated lead wire and stainless steel overbraid and terminated with female jack.		
FIG. 7	Thermocouple terminated with male plug.		
FIG. 8	Thermocouple terminated with female jack.		
FIG. 9	Thermocouple terminated with hinged flip top cover weatherproof head and 1/2" x 1/2" NPT x 1-1/2" long 316 SS NPT mounting fitting brazed to sheath. For spring loading add "SL" to end of part number. Spring loaded type is not sealed from process and is generally used with a thermowell.		
NOTE: Screw cover head design is available at same price but must be requested otherwise flip top head will be supplied.			
FIG. 9-EP	Thermocouple terminated with explosion proof head - Same description as above except with screw cover explosion proof head assembly.		
			
FIG. 10-NPT	Replacement thermocouple element for figures 9 through 9-EP.		
Sheath is silver soldered to 1/2" NPT 316 SS MTG Nut.			

W. H. Cooke & Co., Inc. - Product Lines Phone: 717-630-2222 team@whcooke.com
Fax: 717-637-9999 www.whcooke.com

W. H. Cooke & Co., Inc. Thermocouples & RTDs	ADAM Scale, Balance & Calibration Weights	AEROFLEX EPDM Pipe & Duct Insulation	AlpHa pH, ORP Conductivity	Antunes Air & Gas Pressure Switches
ANFIELD Precision Leveling Temperature Switches & Transmitters	APG Substation Products Group, Inc. Level & Pressure Sensors/Transmitters	ATHENA Precision Pressure Electromagnetic Controls	BACKER MARATHON Continuous & Recirculating	CAL CNC Controls
CHROMALOX Industrial Heating & Heat Trace Solutions	COMARK Wireless Data Loggers	ControlAir Precision Pressure Electromagnetic Controls	Control Warehouse Flowmeters - Magnetic, Variable Volume, Orifice, Turbine, Ultrasonic	Dalton Unique Split-Drain Control Valves
DATATRACK Digital Thermal Meters	DOX Positive Temperature Coefficient Self-Regulating Heating Elements	Dwyer Pressure, Flow, Level Sensors & Controls	EDWARDS Vacuum Pumps	ENCODER Encoder/Transmitter Encoder/Transmitter
EXTRECH Infrared Heat Guns, Electrical Specifications	FUTUREDETECT Temperature Controls	GDS Corp Gas & Flame Detection	Gems Sensors & Controls	GIG Portable Gas Detection Instrumentation
GP-50 Wall Pressure & Temperature Transmitters	H-B Heat Exchangers	HTM Heat Exchangers	HTS Amplek Heat Exchangers	
Imada.com Force & Torque Measurement	INDEECO Instruments & Tubular Electric Heating Elements	INOR Temperature Transmitters	JOYCE Heat Exchangers	JENCO Laboratory & Industrial Instrumentation Temperature & pH
DUNGS Combustion Controls	KOBOLD Level, Pressure, Flow Instruments	LAUREL ELECTRONICS Electronics for Measurement, Control & Networking	LOVE Temperature Controllers	next thermal Industrial & Laboratory Level Controls
Novus Submerged Valves	MADGETECH Wireless Data Loggers	MONARCH Data Loggers (Phosphor Replicators)	MONARCH Data Loggers (Phosphor Replicators)	next thermal Industrial & Laboratory Level Controls
NOVUS In-Process, On-Site, On-Line Measurement, Control, Recording	Parlow Temperature Controls & Recorders	PRECISION DIGITAL Panel & Process Meters	PROCESS TECHNOLOGY Heat Process Heating & Cooling Equipment	Process Technology Heat Process Heating & Cooling Equipment
REOTEMP Thermometers & Pressure Gauges/Transmitters	Sensorex Laboratory & Industrial Instrumentation Temperature & pH	setra Laboratory & Industrial Instrumentation Temperature & pH	SIKA Electronic Weighing & Calibration Instruments	UNITHERM Industrial Insulation Market
VAISALA Humidity Transmitters	WEST Control Solutions	WIKAI Control Solutions		

HVAC and Boiler Supplies

UV/Flame Sensors, Solenoid Valves, Motor Actuators,
Gas Valves & Regulators, Air/Gas Pressure Switches,
Burner Controls, Insulation, O-rings, Gaskets

Click here for
Line Sheet

Click here for
Cooke Product
Brochure

Follow Us:



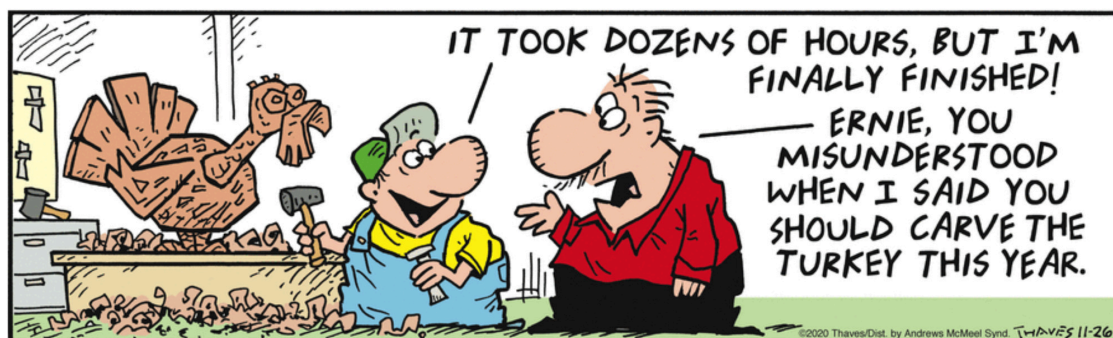
Check out our video!



Thanksgiving Funnies!



“Of course it’s alien abductions! How else would you explain the, ‘November Phenomenon’?”

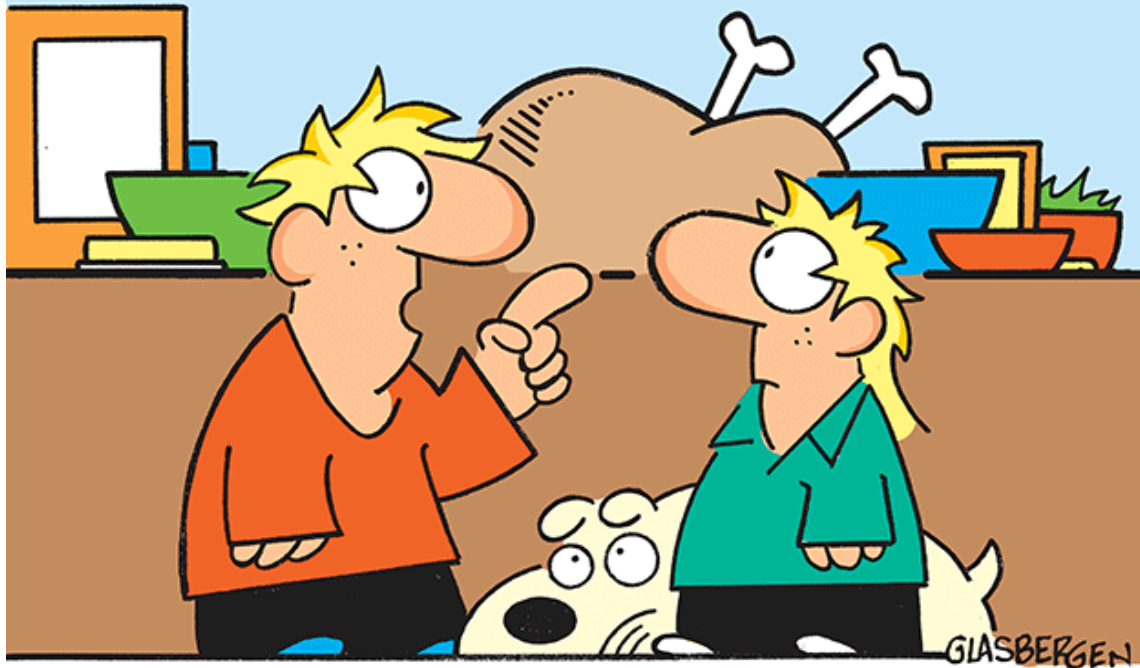


THANKSGIVING WITH KIDS

WHAT DO YOU WANNA EAT?!
WE'VE GOT SWEET POTATOES, WILD
RICE WITH MUSHROOMS, STUFFING,
CORN BREAD, CRANBERRY SAUCE,
ROASTED ASPARAGUS AND
CORN PUDDING!

GRILLED
CHEESE.





“On Thanksgiving the Four Basic Food Groups are ‘more’, ‘a little more’, ‘a lot more’ and ‘too much’.”

W.H. Cooke & Co., Inc.
6868 York Rd.
Hanover, PA 17331

team@whcooke.com
717-630-2222

If you no longer wish to receive this newsletter, [click here to unsubscribe.](#)

[Legal Notice](#) • [Terms of Use](#) • [Privacy Policy](#)