



Sensors & Switches 74

DT Detector Half Kits 79

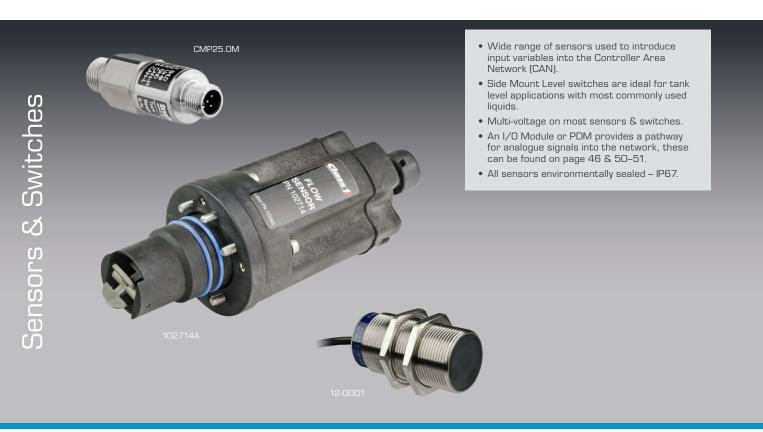
Backsense Network Radar

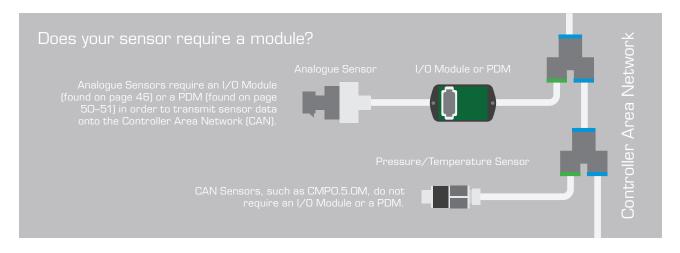
Custom Engraved Panels 83

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HD30 Breakaway

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Sensors - CAN - Pressure & Temperature

Range (Bar) Part No. 0 - 0.5 **CMP**0.5.0M 0 - 4 **CMP**4.OM

0 - 16 **CMP16.OM** 0 - 25 **CMP25**.OM 0 - 100 **CMP**100.0M 0 - 400 **CMP**400.0M

Ingress Protection: IP67 Detection range: -30°C to 150°C Mounting Thread: G 1/4" Voltage: 9–32V

















MSTS-DTM-OPEN



Sensors - Analogue - Temperature

Part No.	Voltage	Output Signal	Range	Mounting Thread	Notes
115 722	9-32	OV to 2V	-40°C – 120°C	_	Includes mount
740 114	9-32	0.05Ω to 100Ω	-40°C – 150°C	1/4" NPT	
MSTS-DTM-CLOSED	5	OV to 5V	-30°C – 150°C	1/8" NPT	Includes mating connector
MSTS-DTM-OPEN	5	OV to 5V	-30°C – 150°C	1/8" NPT	Includes mating connector

Ingress Protection: IP67





200-00094-001





















Sensors - Analogue - Pressure

	9				
Part No.	Voltage	Output Signal	Range (PSI)	Mounting Thread	Notes
102 162	4-8	OV to 5V	0 – 5	1/4" NPT	
200 -000 93 -001	5	OV to 5V	0 – 5	1/4" NPT	Stainless steel
200-00094-001	5	OV to 5V	0 – 5	1/4" NPT	Brass
113 557	9-32	OV to 5V	0 – 300	1/4" NPT	
102 161	9-32	OV to 5V	0 – 500	1/4" NPT	
117 179	9-32	OV to 5V	0 – 600	1/4" NPT	
102 606	9-32	4mA to 20mA	0 – 7500	1/4" NPT	
8252-G8-25-43-D3	9–32	OV to 5V	0 – 150	1/8" NPT	
8252-HA-25-30-D3	9-32	OV to 5V	0 – 300	1/4" NPT	
MSPP-DTM-10BAR	5	OV to 5V	0 – 145	1/8" NPT	Includes mating connector

Ingress Protection: IP67







Sensors - Analogue - Current & Flow

 Part No.
 Voltage
 Sensor Type
 Output Signal
 Range

 DCS35-300-2
 9-32
 Current
 OV to 5V
 -300A - 300A

 102714A
 9-32
 Flow
 ±5V
 Frequency

Ingress Protection: IP67



2m female to tail M12 network cable – 5 pin

















Sensors - Connection Kits

Part No. Suits

RKT5-228**-2M** CAN – Pressure & Temperature All

CONNKIT-CURRENTAnalogue – CurrentDCS35-300-2, DCS36-300-2

CONNKIT-**TEMP**SENSOR Analogue – Temperature, Pressure 115722, 8252-G8-25-43-D3, 8252-HA-25-30-D3

CONNKIT-**THERMISTOR** Analogue – Thermistor 740114

CONNKIT-ITL-DTM Analogue – Pressure 200-00093-001

CONNKIT-TRANSITLAnalogue – Pressure102162CONNKIT-TRANSHIPSIAnalogue – Pressure102606

CONNKIT-**TRANS**PSI Analogue – Pressure, Flow 102714A, 113557, 117179, 102161

Crimping tools can be found on page 96.

DT04-4P-5V

Recommended to also install a 1A (maximum) fuse to the 9–32VDC input. Reverse polarity protected

Do not remove ground supply while device is powered or damage to the device can occur

Pin 1 – Ground, **Pin 2** – Output 1 (5VDC),

Pin 3 - Output 2 (5VDC)

Pin 4 - Input (9-32VDC), fused to 1A (maximum



DT04-4P-5V

Optional accessory
Flow Sensor Boss.
Used to facilitate mounting





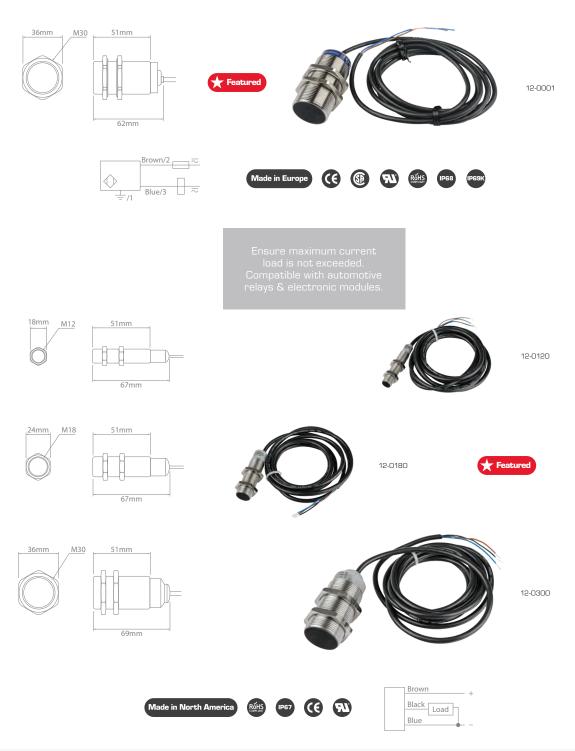
Sensors - Analogue - Accessories

Part No. Description Suits

 DT04-4P-5V
 5V Regulator
 Pressure (all)

 SFM
 Mounting Boss
 Flow (102714A)



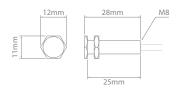


Switches – Inductive Proximity 📞								
Part No.	Voltage Type	Voltage	Output Type	Output Function	Sensing Range (mm)	IP Rating	Switching C	apacity (mA) DC
12-0 001	AC/DC	24-240	_	N/0	10	68, 6K9K	5-300	5-200
12-0 120	DC	10–30	PNP	N/0	2	67	_	100
12-0 180	DC	10–30	PNP	N/0	5	67	_	100
12-0 300	DC	10–30	PNP	N/0	10	67	_	100
Cable Length:	2m							









Switches - Proximity Reed 😵



Part No. Contact Type **12**-0050 N/O

Switching Distance (mm) 10

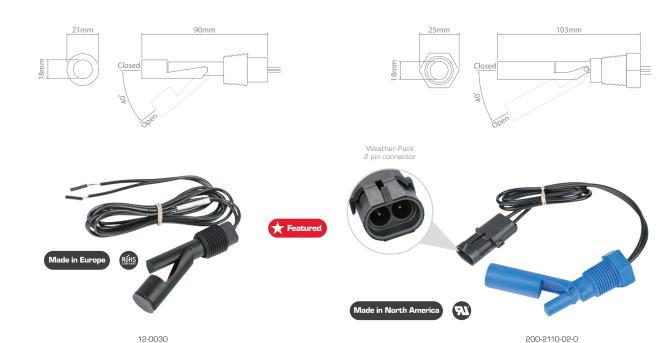
Voltage AC/DC 10-48 0.5

Current Rating Contact Resistance (A) (Ohms) 0.2

Cable Length (mm) 280

Material Brass

Operating temperature: -20°C to 85°C



Switches - Side Mount Level 🗘

Part No.	Contact Type	Switching Angle	Mounting Size	Switchin AC	g Voltage DC	Current Rating (A)	Cable Length (mm)	Housing
12- 0030	N/O & N/C	40°	1/2" NPT	300	300	1.0	1000	Nylon
200 -2110- 02-0	N/0 & N/C	40°	1/2" NPT	250	200	1.0	500	Nvlon

Functions as N/C or N/O dependent on fitting orientation.

Operating temperature: 12-0030: -20°C to 75°C 200-210-02-0: -30°C to 130°C



- Transparent housing with integrated LED on wedgelock for quick circuit diagnosis.
- Colour coded wedgelocks for operating voltages, 12V (yellow) and 24V (red).
- Joint retention fingers allow both contacts to be removed at the same time.
- Compatible with Pulse Width Modulated control.
- Sold as kit including nickel-plated or green band contacts.
- Environmentally sealed IP68, IP6K9K, when installed to manufacturer's specifications.
- Industry proven TE DEUTSCH DT Series.
- · Latched mating.

Ultem Housing: Silicone Rubber Seal: Wedgelock: Thermoplastic Contact Size : 16 13A @ 125°C Contact Rating: Shock: 50G Vibration: 20G rms 10 - 2000Hz Approvals: 20mm Flame Test per Standard UL-94 IP68, IP6K9K Ingress Protection: -55°C to 125°C









Operating Temperature:



DT Detector Half Kits 😭



Part No.	Voltage	Wedgelock Colour	Socket Type	Wire AWG	e Size mm²
DTLED -12V-1	12	Yellow	0462-209-16141 - Green Band, Nickel-plating	14	1.0 – 2.0
DTLED- 24V- 1	24	Red	0462-209-16141 - Green Band, Nickel-plating	14	1.0 – 2.0
DTLED -12V- 3	12	Yellow	0462-201-16141 – Nickel-plating	20 – 16	0.5 – 1.0
DTLED-24V-3	24	Red	0462-201-16141 - Nickel-plating	20 – 16	0.5 – 1.0
DTLED -12V- 4	12	Yellow	0462-209-1631 – Green Band, Gold-plating	14	1.0 - 2.0
DTLED -24V-4	24	Red	0462-209-1631 – Green Band, Gold-plating	14	1.0 - 2.0

- 1 x DT Detector Receptacle (DT06-2S-SDT-CE27)
 1 x DT Detector Wedgelock (W2S-SDT-12V or W2S-SDT-24V)
 2 x Solid Socket





- Overlay detection data for up to 2 radar sensors on a single monitor.
- Compiles with CAN 2.0A Base Frame Format.
- Detects multiple moving and stationary objects.
- High frequency continuous wave provides increased reliability & low false alarm rates.
- Adjustable detection range up to 30m.
- 3 trigger inputs used for activating components such as alarms and beacons.
- Environmentally sealed sensor IP69K
- Sensor can be steam & pressure cleaned.
- Multi-voltage.
- 3 year warranty.

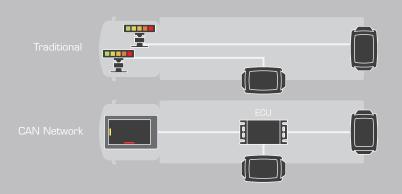
Voltage: 12-24V Current Draw: 0.4A Radar Frequency: 24.05GHz to 24.25GHz Weight: Radar Sensor Vibration : 8.3G Shock: 100G CE & 'e' marked EMC: Operating Temperature : -40°C to 85°C Ingress Protection: IP69K

Brigade's Backsense® Network Rada is the next generation of radar-based obstacle detection

Due to the number of complex blind spots on a vehicle, a single radar canno always provide the detection required. Additionally, multiple in-cab displays for multiple radars can be more of a distraction than a benefit.

Aimed at OEM and specialist applications, Brigade's Network Radar OSD kit allows you to connect and link 2 sensors to cover large, sometimes complex blind spot

Backsense Network Radar



On-Screen Display

Multiple radars with individual in-cab displays can cause confusion and also be a challenge to install. Brigade's latest innovation, the Backsense® OSD (On-screen Display) ECU allows for the use of 2 Backsense® Network Radar units to be combined with any Brigade Backeye® camera system

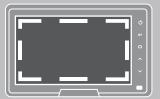
Radar detection data is overlaid transparently* along the edge of the monitor so as not to obscure the camera image with the audible warning via the monitor speakers.

* Transparency level can be adjusted via software

When an object is detected in the YELLOW zone, the associated on-screen indicator will turn yellow and a pulsed audible alert is played through the monitor's speaker.



When object is detected in RED zone, the associated on-screen indicator will turn red and a constant audible alert is played through the monitor's speaker.

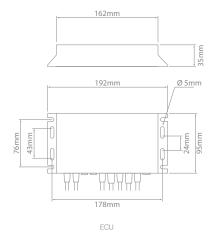


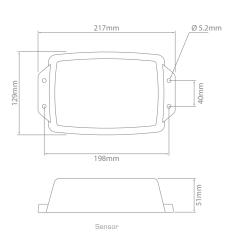
Each radar sensors detection notification can be assigned to one of eight predefined positions overlaid around the edge of a monitor.











0x353 0x354 0x355 0x356 0x357 Sensor 2 Buzzer Starting Zone : ORANGE CAN ID X, Y | Unit | 0x300 | 0x3X1 | 0

Backsense Network Radar – OSD Kit 🗘



Detection Width Detection Distance Camera Triggers Part No. Inputs Output* (m) Input **BS**-9001-**0SD** 3 – 30 2 - 10 2 3 3 x 0.5A

Supports up to 2 Backsense® Network Radars.

Compatible with Brigade Backeye systems, including Backeye 360 and Brigade Digital Mobile Recorder.

* 1 x output for alarm use only.

Kit contents:

Kit contents:

1 x Sensor Unit (BS-9000)

1 x OSD ECU

3 x Network Y Cable (BS-00NYC)

2 x CAN Bus Terminator (BS-00NT)

1 x 9 m Extension Cable (BS-09DCX)

1 x Network Power Input Cable (BS-02PIC)

Sensor Mounting Hardware

Manual & software available on IONNIC





BS-9000

Backsense Network Radar - Sensor 😯



Part No. Description

Baud Rate

Detection Distance (m) Detection Width (m)

BS-9000

Single network radar sensor unit

SAE J1939

500K

3 – 30

2 - 10





Backsense Network Radar - Accessories

Part No. Description

BS-05B Adjustable sensor bracket

Supplied with bolts, washers and nylock nuts.

BS-05DCX Extension cable - 5m **BS**-09DCX Extension cable - 9m

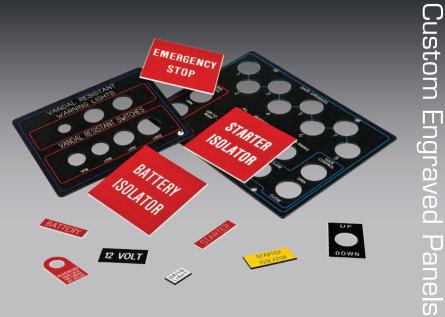
Network 'Y' cable BS-OONYC

BS-OONT 120 Ohm CAN bus terminator BS-02PIC Network power input cable - 2m



- Front or rear engraving.
- Large range of colour combinations including metallic finishes.
- Materials available for use with backlighting.
- UV Stabilised.
- Ideal for:
 - Safety signage

 - Control panelsProduct tagsName plates

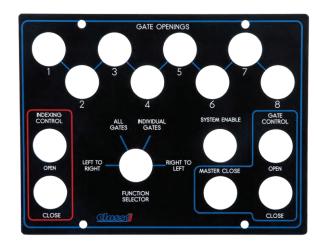


Engraver Type : Maximum Size : Materials:

Rotary Flat Bed 500mm x 380mm Laminated Impact Acrylic **UV** Stabilised

STARTER





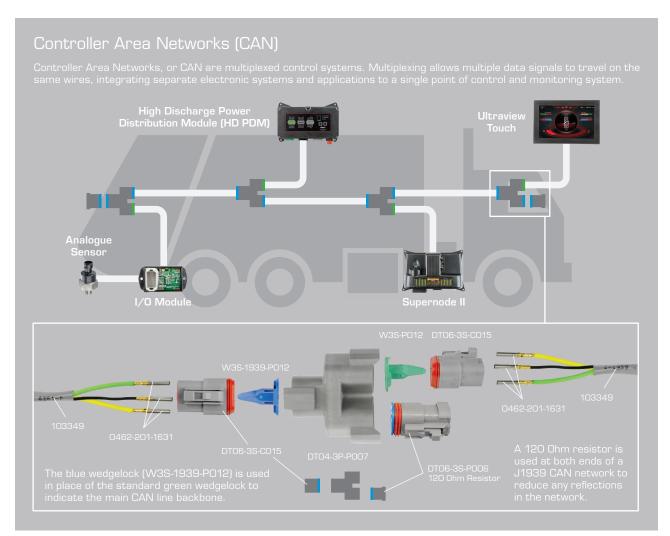


















0460-202-1631

0462-201-1631

1062-16-0144





CAN Connectors - J1939/11 - Common Components

Part No.	Description	Cavities/Circuits			
DT 06- 3S -E008	DT Series – Plug – H	Heat shrink adaptor	3		
DT 06 -3S- EP11	DT Series – Plug – F	Heat shrink adaptor – Black. Requires W3S-P01	12 3		
DT06-3S-P006	DT Series – Plug – 1	120 Ohm Resistor. Includes wedgelock & contac	cts 3		
W3S-P012	DT Series – Wedgel	lock – Plug – Green	3		
W3S-1939	DT Series – Wedgel	lock – Plug – Blue	3		
DT 04 -3P- E008	DT Series – Recepta	acle – Heat shrink adaptor	3		
DT 04- 3P- P006	DT Series – Receptacle – 120 Ohm Resistor. Includes wedgelock & contacts 3				
W3 P	DT Series – Wedgelock – Receptacle – Green 3				
W3P-1939	DT Series – Wedgel	lock – Receptacle – Blue	3		
DT 04- 3P -P007	DT Series – Recepta	acle "Y" Piece. Includes wedgelocks & contacts	3		
0460 -202 -1631	Contact – Pin – Solid	d – <mark>Gold-plated</mark> – Size 16			
0462- 201 -1631	Contact – Socket – S	Solid – <mark>Gold-plated</mark> – Size 16			
1062 -16 -0144	Contact – Socket – F-Crimp – Gold-plated – Size 16				
CONNKIT-BBJUNCTION Kit contents:	Connection Kit – CAN Splice. Used for splitting CAN Backbone				
1 x Receptacle – DT Series "Y" P 3 x Plug – DT Series – 3 Circuit (1 x DT Series 120 Ohm Resistor (DT06-3S-P006) 9 x Contact – Socket – Gold-Plated (0462-201-1631)	2 x Wedgelock – Blue (W3S-1939-P012) 1 x Wedgelock – Green (W3S-P012)		

CONNKIT-RESISTOR Connection Kit - CAN Splice with Resistor. Used for terminated CAN Backbone

Kit contents: 1 x Receptacle – DT Series "Y" Piece (DT04-3P-P007) 2 x Plug – DT Series – 3 Circuit (DT06-3S-C015)

1 x DT Series 120 Ohm Resistor (DT06-3S-P006) 6 x Contact – Socket – Gold-Plated (0462-201-1631)

1 x Wedgelock – Blue (W3S-1939-P012) 1 x Wedgelock – Green (W3S-P012)





CAN Connectors - J1939/15 - Common Components

		•		
Part No.	Description		Cavities/Circuits	
DTM 06- 2S -EP10	DTM Series – Plug – 120 Ohm Resistor – Bla	ck. Includes wedgelock & contacts	2	
DTM 06 -2S -P006	DTM Series – Plug – 120 Ohm Resistor. Inclu	udes wedgelock & contacts	2	
DTM 04 -2P- P006	DTM Series – Receptacle – 120 Ohm Resist	or. Includes wedgelock & contacts	2	
DTM 06 -2S -E005	DTM Series – Plug – End cap – Black		2	
WM-2S	DTM Series – Wedgelock – Plug – <mark>Orange</mark>	2		
WM-2SB	DTM Series – Wedgelock – Plug – Black	2		
DTM 04 -2P- P007	DTM Series – Receptacle "Y" Piece – Black. Includes wedgelock & contacts			
0460- 202 -2031	Contact - Pin - Solid - Gold-plated - Size 20			
0460 -010- 2031	Contact – Pin – Solid – Gold-plated – Size 20	– Purple Band		
1060- 20 -0144	Contact - Pin - F-Crimp - Gold-plated - Size	20		
0462- 201 -2031	Contact – Socket – Solid – Gold-plated – Size	20		
0462 -005- 2031	Contact - Socket - Solid - Gold-plated - Size	20 – Purple Band		
1062 -20 -0144	Contact – Socket – F-Crimp – Gold-plated – Size 20			
DTM 2 -J1939- KIT	DTM Series – 120 Ohm Resistor Kit			
	Kit contents: 1 x DTM Series 120 0hm Resistor (DTM06-2S-P0 1 x Receptacle – DTM Series – 2 Circuit (DTM04-2P) 2 x Contact – Pin – Gold-Plated (0460-202-2031) 1 x Wedgelock – Orange (WM-2P) 1 x Mounting Clip (1011-026-0205)			



HD10-9-1939PE



HD16-9-1939SE





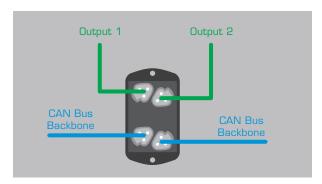
0462-201-1631

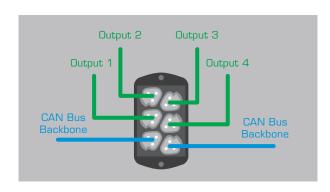


1062-16-0144

CAN Connectors - J1939/13 - Common Components

Part No. Description Cavities HD10-9-1939PE HD10 Series - Receptacle. Threaded rear - Black 9 9 HD16-9-1939SE HD10 Series - Plug. Threaded rear - Black 0460-202-1631 Contact - Pin - Solid - Gold-plated - Size 16 0462-201-1631 Contact - Socket - Solid - Gold-plated - Size 16 1062-16-0144 Contact - Socket - F-Crimp - Gold-plated - Size 16











Supplied with TE DEUTSCH 120 Ohm Resistor Plug (DT06-3S-P006











CAN Connectors – J1939 Bus Splitter Kits 🗘

Part No.

Description

CONNKIT-4JUNCTION

CAN bus 2 branch hub with mating connectors + 120 Ohm resistor plug

Kit Contents:

- 1 x CAN Bus 2 Branch Hub (CONNKIT-4)

- CAN BUS 2 Branch Hub (CUNNRI1-4)
 Plug DT Series 3 Circuit (DT06-3S-C015)
 DT Series 120 Ohm Resistor (DT06-3S-P006)
 Wedgelock Green (W3S-P012)
 Wedgelock Blue (W3S-1939–P012)
 Contact Socket Gold-Plated (0462-201-1631)

CONNKIT-6JUNCTION

CAN bus 4 branch hub with mating connectors + 120 Ohm resistor plug

Kit Contents:

- 1 x CAN Bus 4 Branch Hub (CONNKIT-6)
- 6 x Plug DT Series 3 Circuit (DT06-3S-C015)
 1 x DT Series 120 0hm Resistor (DT06-3S-P006)
 4 x Wedgelock Green (W3S-P012)

- 2 x Wedgelock Blue (W35-P012) 18 x Contact Socket Gold-Plated (0462-201-1631)





- Breakaway coupling specifically designed to prevent damage to vehicle wiring and/or the attached implement by safely disconnecting and separating from vehicle in the event of an operator driving away without disconnecting beforehand.
- Dust cap suits all shell size 24 HD30 and HDP20 series connectors.
- Ideal for use in agricultural equipment as well as the truck, bus, mining and construction industry.
- Environmentally sealed IP68, IP6K9K, when installed to manufacturer's specifications.
- Resistant to most fluids in industrial applications.

Housing: HD30 Series Aluminium DT Series Thermoplastic Seal: Silicone Rubber Shock: 50G Vibration : 20G rms 10 - 2000Hz Approvals: 20mm Flame Test per Standard UL-94 Ingress Protection : IP68, IP6K9K -55°C to 125°C Operating Temperature :





Made in North America

HDBOX-24-91PN - Breakaway CAN Termination Assembly

Originally designed for agricultural applications, the TE DEUTSCH HDBOX-24-91PN Breakaway CAN Termination Assembly creates a communication pathway between an on-board CAN system and the electronic components on an attached implement. The HDBox, which holds two DT13 connectors and an HD30 Series receptacle, mounts on the vehicle and mates with an HD30 Series plug connector featuring a breakaway coupling ring.

TE DEUTSCH breakaway couplings are designed to prevent damage to the CAN wiring of the vehicle and/or the attached implement by disconnecting and separating from the vehicle in the event of an operator driving away without disconnecting beforehand.







HD30 Breakaw	ay 🗞	
Part No.	Description	Cavities
HDBOX-24-91PN	Breakaway CAN Termination Assembly	15
HD 34 -24 -91 PN	HD30 Series – Receptacle. Breakaway coupling	9
HD 34 -24 -91 PN -059	HD30 Series – Receptacle. Breakaway coupling incorporating strain relief	9
HDB36-24-91SN	HD30 Series – Plug. Breakaway coupling. Circuits 4 & 5 are bridged	9*
HDB 36- 24- 91 SN -059	HD30 Series – Plug. Breakaway coupling incorporating strain relief. Circuits 4 $\&5$ are bridged	9*
	* Circuit 5 is occupied with a non-removable size 16 contact and sealed with a cavity plug	
5004 -001 -2405	Dust cap suits shell size 24 HD34/HDP24 receptacles. Includes gasket	
DT 06- 4S -EP06	DT Series – Plug – Enhanced Seal Retention and End Cap – Black	4
DT06-2S-EP06	DT Series – Plug – Enhanced Seal Retention and End Cap – Black	2
W2S-P012	DT Series - Wedgelock - Plug - Green	2
W 4S- P012	DT Series - Wedgelock - Plug - Green	4
0460- 204 -08141	Contact - Pin - Solid - Size 8	
0460- 204 -12141	Contact - Pin - Solid - Size 12	
0460- 202 -1631	Contact - Pin - Solid - Gold-plated - Size 16	
0462 -203- 08141	Contact - Socket - Solid - Size 8	
0462 -203- 12141	Contact - Socket - Solid - Size 12	
0462- 201 -1631	Contact - Socket - Solid - Gold-plated - Size 16	





103349, 103349-302







103349B, 103349R

Wiring, Accessories & Tools - CAN Data Cable

Part No	Description	Core Colours	Roll Length (m)	Nom. Area (mm²)	Nom. O.D. (mm)	Conductor	Max. Operating Temperature (°C)
103 349	2 Core. Standard Duty	Yel/Grn	*	0.5	6.14	7 / 0.30	125
103 349 -302	2 Core. Standard Duty	Yel/Grn	302	0.5	6.14	7 / 0.30	125
103 349 B	2 Core. Medium Duty	Yel/Grn	*	0.5	7.46	19 / 0.20	125
103 349 R	2 Core. Heavy Duty	Yel/Grn	*	0.6	7.75	19 / 0.20	125

* This product is modified/cut to customer specifications and is not returnable for credit.





Wiring, Accessories & Tools – Serial Data Cable

Roll Length Nom. Area Nom. O.D. Max. Operating Part No Core Colours Description Conductor Temperature (°C) (m) (mm²) (mm) 0.72 **0L20**-1600-**22** 60 5.45 16 / 0.30 2 Core. Standard Duty Wht/Blk 60



PH275BK, PH275BK-100



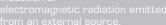


PH375BK, PH375BK-100

Wiring, Accessories & Tools - Shielded Drain Wire

Part No	No. of Cores	Colour	Roll Length (m)	Nom. Area (mm²)	Nom. O.D. (mm)	Conductor	Max. Operating Temperature (°C)
PH 275 BK	2	Red/Blk	*	0.75	7.2	24 / 0.20	90
PH275BK-100	2	Red/Blk	100	0.75	7.2	24 / 0.20	90
PH 375 BK	3	Red/Blk/Wht	*	0.75	6.8	24 / 0.20	90
PH375BK-100	3	Red/Blk/Wht	100	0.75	6.8	24 / 0.20	90

* This product is modified/cut to customer specifications and is not returnable for credit.











Wiring, Accessories & Tools - Ferrites

Part No.

28A5776-0A2 Ferrite core. Inside Ø 19.3mm. Impedance – 210 Ohm @100MHz

7427155 Ferrite core split with locking key. Inside Ø 27mm. Impedance - 327 Ohm @ 100MHz





Wiring, Acces	ssories & 7	Tools – TE I	DEUTSCH	Contact Removal Tools
Part No.	Contact Size (TE DEUTSCH)	Wire Gauge Size (AWG)	Colour	Notes
114009	4	6	White	
D08	8	8	Magenta	Stainless steel shaft. Anodized aluminium handle
114008	8	10, 8	Green	
0411 -353 -0805	8	10, 8	Green	Extended
D12	12	12	Magenta	Stainless steel shaft. Anodized aluminium handle
114 010	12	12	Yellow	
0411 -337- 1205	12	14, 12	Orange	Extra Thin Wall (E-Seal)
D14	14	14	Magenta	Stainless steel shaft. Anodized aluminium handle
0411- 291 -1405	14	16, 14	Green	
D16	16	16	Magenta	Stainless steel shaft. Anodized aluminium handle
0411- 310- 1605	16	18, 16	Light Blue	
0411- 336- 1605	16	18, 16	Blue	Extra Thin Wall (E-Seal)
0411- 204- 1605	16	18, 16	Dark Blue	
D20	20	20	Magenta	Stainless steel shaft. Anodized aluminium handle
0411- 240 -2005	20	24, 20	Red	





Wiring, Accessories & Tools - TE DEUTSCH Removal Tool Set

Part No. Description

D2683 7 piece contact removal tool set. Includes multi-use hook tool / flat-head screw driver

Contact Size (TE DEUTSCH)
4, 8, 12, 14, 16, 20



Wiring, Accessories & Tools - Removal Tools

Part No. Suits

P-12094429 Metri-Pack GT150, GT280, 150, 280, 630 Pull-to-Seat **P-1209**4430 Metri-Pack 280, 480, 630, 800 Series Pin Tangless

P-12014012 Weather-Pack

7704489 Generic removal tool. Contact cavity Ø 5.2mm
 7704496 Generic removal tool. Contact cavity Ø 3.3mm
 HT-7200 Generic removal tool. Contact cavity Ø 2.9mm

DET-RT Multi-use hook tool

DET-RT1 Multi-use hook tool & flat-head screw driver





Wiring, Accessories & Tools - Crimpers - TE DEUTSCH - Solid Contacts Contact Size (TE DEUTSCH) Part No. Description Crimp Style DET48 Two handed 8, 4 2 indent **HDT-**04-**08** Two handed 8, 4 2 indent DET12 Ratcheting 12 4 indent DET16 16 4 indent Ratcheting DET20 4 indent Ratcheting 20 **D26**81 Ratcheting 20, 16, 12 2 indent **D26**82 Ratcheting 20, 16, 12 2 indent HDT-50-00 Ratcheting 20, 16, 12 1 indent **HDT-**48-**00** Ratcheting 20, 16, 12 4 indent



Attaches seal & cable in one action



P-12014254



P-12071687 P-12085270







HT-4220



Wiring, Accessories & Tools – Crimpers

Part No.	Description	Suits	Crimp Range (mm²)
P-1201 4254	Ratcheting. Attaches seal & cable in one action	Weather-Pack	0.5-0.8, 1.0-2.0
P-1207 1687	480 & 630 Series	Weather-Pack & Metri-Pack	3.0-5.0
P-1208 5270	Ratcheting	Weather-Pack & Metri-Pack	0.5-0.8, 1.0-2.0
HT -4300	Parallel jaws	Weather-Pack & Metri-Pack 150 & 280 Series	0.35, 0.5-0.8, 1.0-2.0, 3.0
HT -4301	Parallel jaws	TE Superseal	0.35-0.5, 0.75, 1.0, 1.5
HT -4220	Parallel jaws	Non-insulated contacts	0.2-0.3, 0.3-0.5, 0.5-0.8, 0.8-1.3, 1.3
HT -4560	Ratcheting	Non-insulated contacts	0.5–1, 1.5–2.5, 4–6



3-2.0



D7000 6 Removable Dies

ie 1 Die 2 4 12AWG 12 10AWG

Die 3 Die 4

B, 16, 14AWG 20, 18, 16AWG

Die 5 Die 6

20, 18-16AWG 16, 14, 12AWG

Wiring, Accessories & Tools - Crimpers - TE DEUTSCH - Stamped & Formed

Part No. Description

Crimp Range (AWG)

DTT-16-**00**

Ratcheting. 1 indent crimper "U" crimp

16 & 14

D7000

Ratcheting crimp tool set with 6 removable dies. 1 indent crimper "U" crimp

5 Piece Crimp Tool Set for Packard™ Contacts

Tool Set contains tools suitable for:

- AMP Superseals
- Weather-Pack
- Metri-Pack 150, 280, 480 & 630 series
- Micro-Pack 064, 100 & 100W series
- GT 150 280 630 series
- And other brands including Molex, Yazaki, Sumitomo etc

All housed in a handy storage tray.

Also included in the kit is a 32 page instruction manual detailing tool specifications as well as an OEM contact number/tool number matrix

All tools in kit are premium quality – made in the USA



Wiring, Accessories & Tools - IONNIC Crimping Tool Set - Packard Contacts

Part No. Description

HT-K2680 5 piece crimping tool set for wide range of contacts, includes instruction manual

Suits AMP Superseals, Weather-Pack and Metri-Pack contacts among others. For full list see above

