



Falcon Series Ex Connectors

Robust, rapid-assembly, power, data and fibre Ex Connectors for use in hazardous areas.



Oil and gas installations, offshore applications, wellhead control panels, mobile skid units, mining, tunnelling, process plants, portable equipment and mobile machinery.



Connections you can trust from Trolex

The Falcon Series Connectors from Trolex have been engineered for the purpose of bringing you the world's most robust and easy to use Ex connection systems for heavy-duty power, data and fibre cables.

Incorporating live disconnect possibility in the most hazardous areas, a virtually instantaneous connect/disconnect system, and a making-off procedure that reduces assembly times from hours to minutes, the Falcon series connectors will save you both time and money, and deliver connections that you can really trust.

Who says Ex Connectors are hard to use? Contact our distribution partner today for a demonstration and to find out how we've solved the problem.



The Falcon Ex Connector Range

Falcon 25

Solid, reliable and easy-to-use Ex Connector with live disconnect capability. Available with 4 to 10 contacts, for control circuits and medium power applications.



Falcon 25 Flash

Flash drive connector for download of data or control devices housed in Ex d enclosures in the hazardous area. Available with desktop reader for PC downloads, and comes with standard 32 GB data storage.



Falcon 25 Fibre

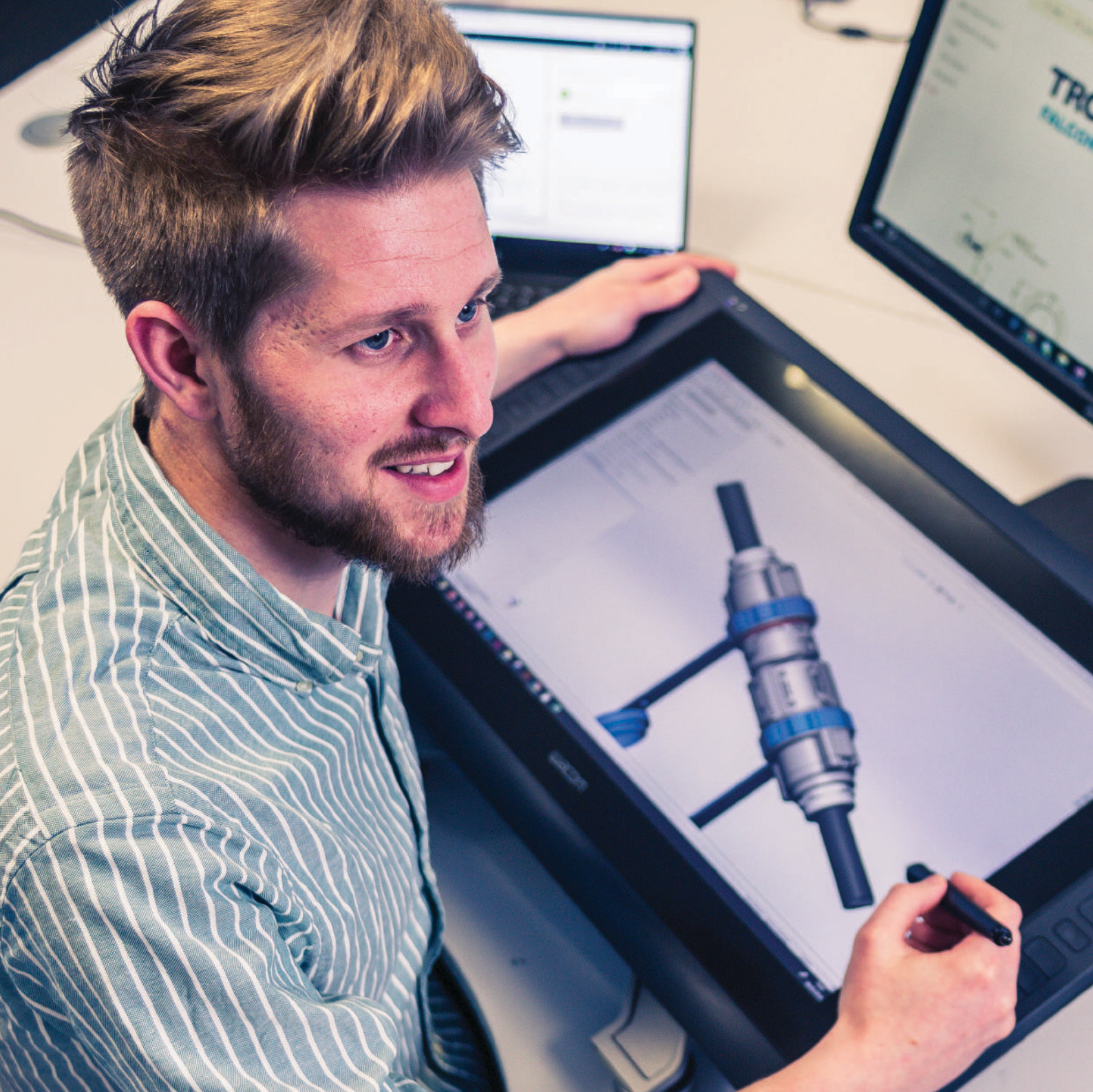
Carrying premium quality Cinch expanded beam optical fibre connectors with 2, 4 or 8 single or multi-mode channels for high speed, high density data transfer applications.



Falcon 40

High capacity Ex Connector for multi-way control circuits and power distribution. Live disconnect capability and up to 37 contacts.





Through the application of simple and elegant design principles we've created a range of Ex Connectors that I believe are the safest, most robust, and easy-to-use in the world.

Kyle Hudson
Engineer - Brand Integrity and Mechanical Design

Reduce assembly time to a matter of minutes instead of hours.

The Falcon Series rear-loading assembly system allows complete cable termination in just a few minutes and requires no specialist tools or equipment.

The incoming cable is independently terminated on the removable end-cap in the normal way and prepared ready for connecting the cores to the contact insert.

A cutting gauge is incorporated to ensure that the cable conductors are trimmed to the optimum length. Connections can be crimped or soldered and easily hand assembled into the double-insulated contact cartridge. The cartridge is then simply loaded into the rear of the connector and fixed in place with two screws to complete the operation.

This two-point radial fixing has the added benefit that cable rotation is completely eliminated.



Rapid Connection

Fast, simple connect/disconnect without compromising safety integrity or robustness.

The Falcon Series revolutionary two-stage bayonet coupling system provides exceptionally fast mating and de-mating with maximum safety and a high tolerance of debris and contamination in tough site conditions. A solid and robust connect or disconnect in an instant.

Flame paths are shrouded at all times and are never exposed to potential damage.

In combination with the live disconnect facility this rapid connection protocol will save time and money in the harshest industrial environments where safety and productivity need to be maximised.

The result is increased uptime for rigs, key machinery and temporary equipment.

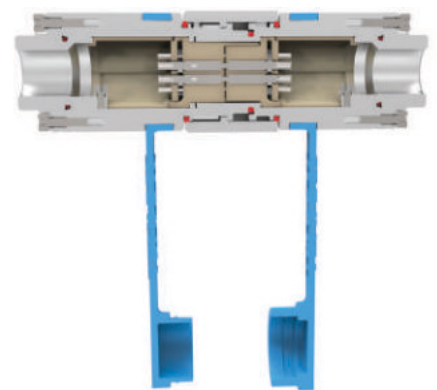


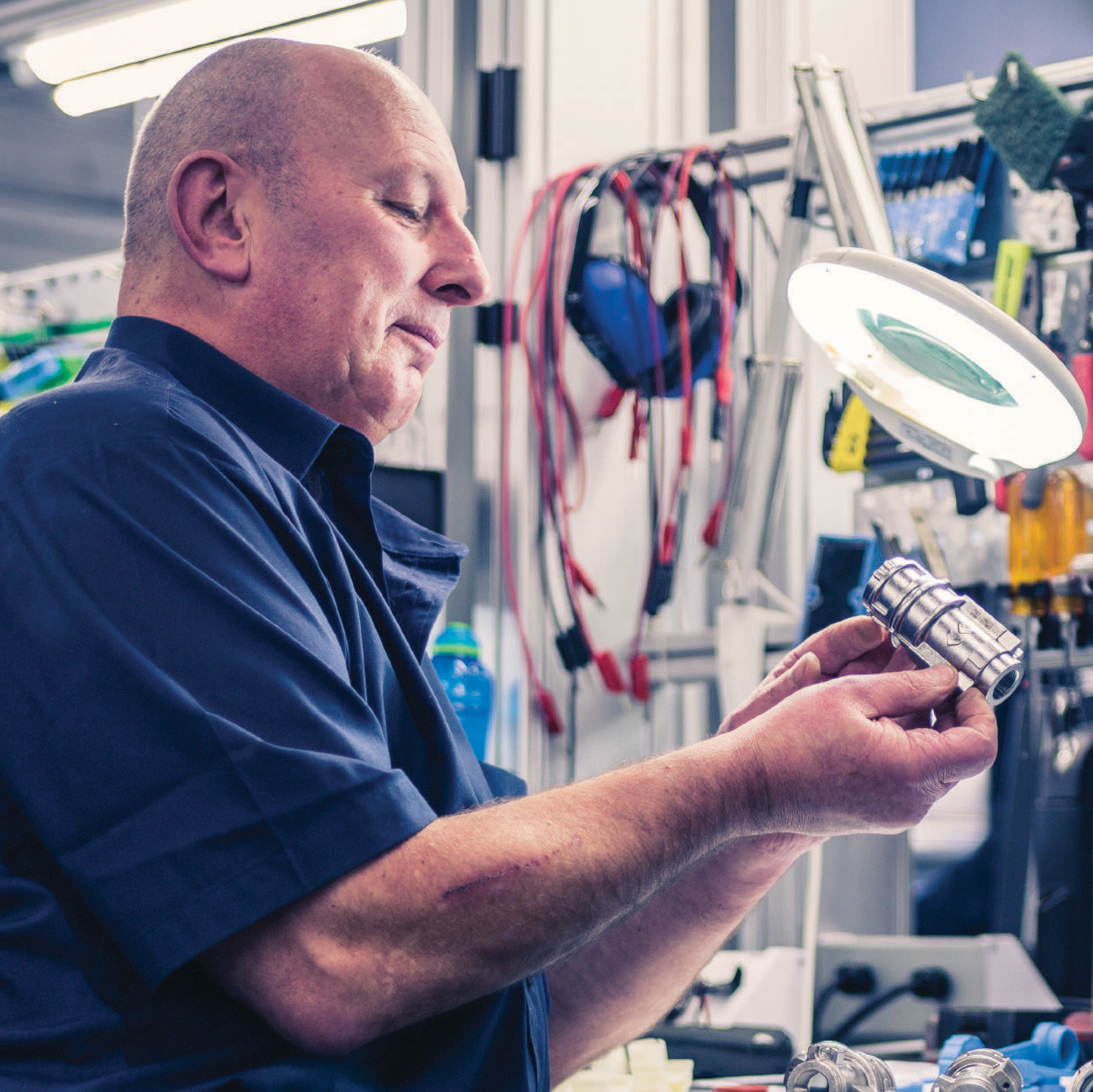
Live Disconnect

Engage or separate connectors with live power applied.

Falcon may be parted in the hazardous area for short periods to allow maintenance or change out of equipment, following normal risk assessment procedures. The electrical power source must originate from the socket side of the connector. Socket contacts can be user installed in either the plug or receptacle to suit the application.

Alternatively, as all contact operations are contained within full Ex d protection, pilot circuit interlocking can be employed where regulation demands, to automatically isolate the system before disconnection is completed.





In my 40 years of working, the Falcon connector is one of the highest quality and well-structured products that I have worked on. Engineered for ease of build and operation, it's a product that can be used worldwide for many applications.

Garry Ross
Production Operative

Direct Enclosure Mounting

Connect directly into Ex d and Ex e enclosures and equipment.

Fixed versions of the Falcon receptacles are equipped with mounting bushes for direct fitting with Ex gland entries. Electrical connections are fully encapsulated for explosion protection with a choice of wire length to suit the application.

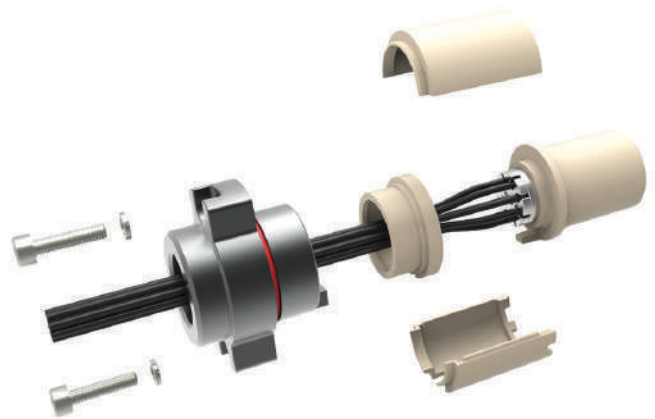


Optical Fibre Capability

The Falcon 25 Fibre Connector comes with a choice of 2, 4 or 8 way optical fibre contacts utilising Cinch expanded beam fibre couplers for high-end applications in hazardous areas. Certified for inherently safe and protected optical radiation standards.

The high precision contact elements have low attenuation losses for single and multi-mode fibres which are easy to clean and are field repairable using standard tooling.

Accurate lens conformity is assured by a unique active spring-supported alignment device providing reliable performance in the most demanding environments on repeated duty cycles.

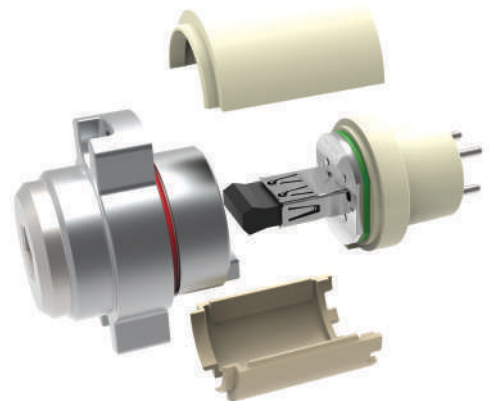


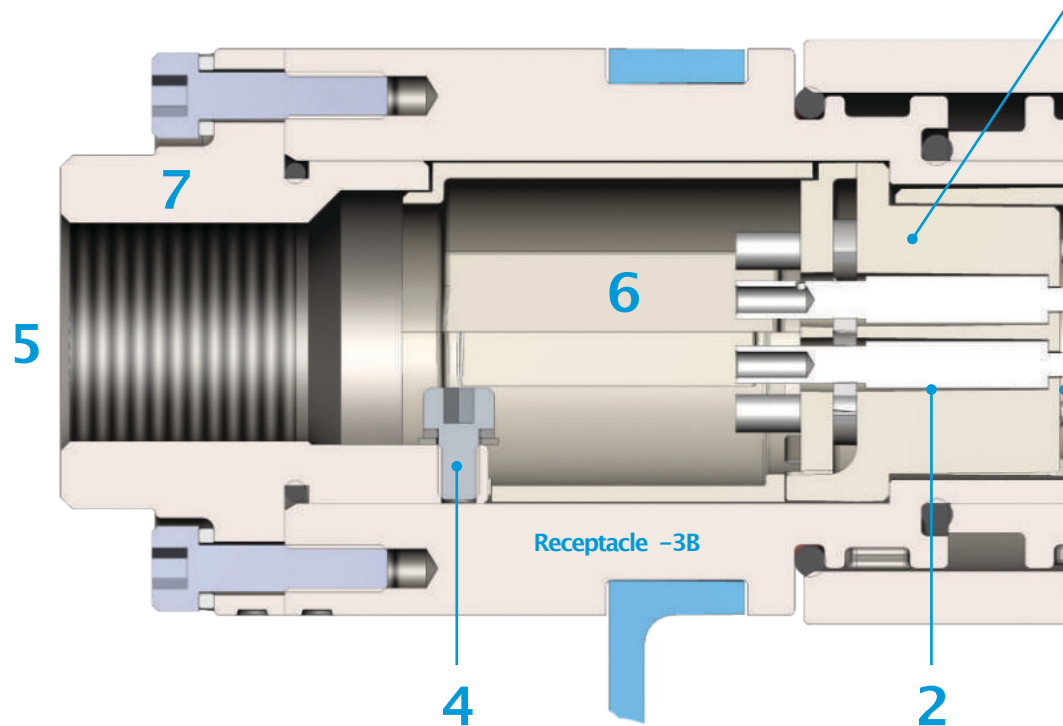
Flash Drive Data Collection

The Falcon 25 Flash provides a quick and convenient USB link to collect and store data from PCs and data systems that are operating within Ex d enclosures in hazardous areas.

Data can be safely acquired when the Falcon Flash-drive is connected to a pre-installed Falcon Fixed Receptacle, without the need to enter the apparatus enclosure.

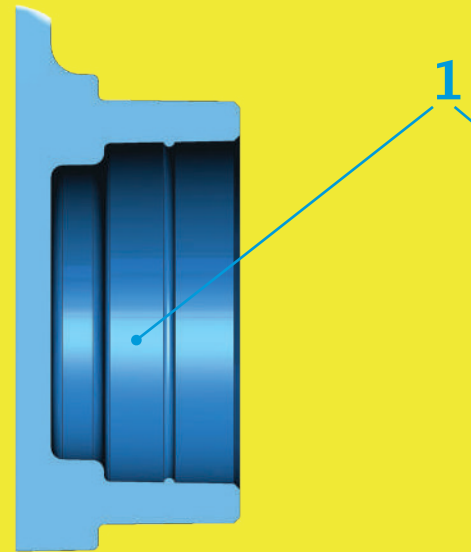
Comes with 32 GB of storage as standard and data can be later transferred to a PC port using a standard Falcon USB docking accessory.

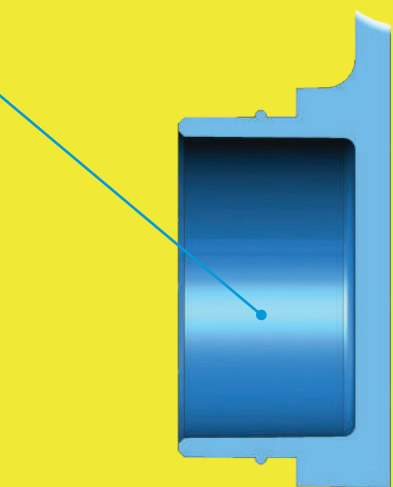
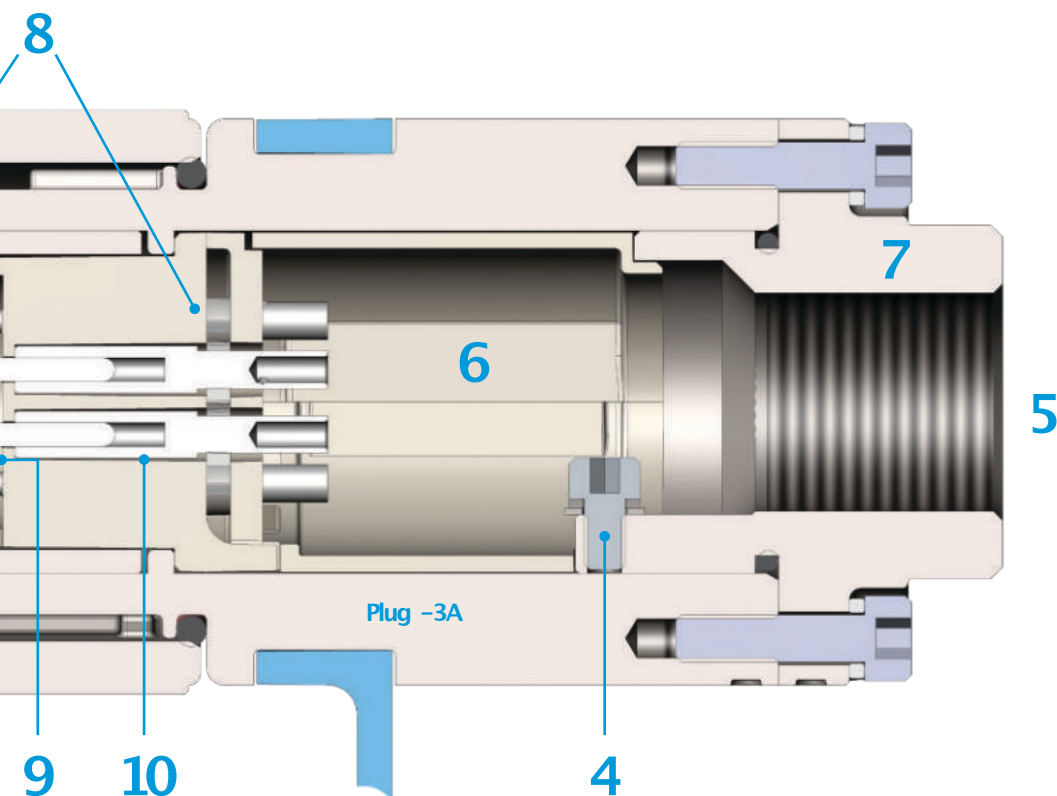




Key Features

- 1** In-built ingress protection caps are permanently attached and ready to hand. Integrated resilient fender for impact protection.
- 2** Passivated silver-plated contact **Pins** suitable for solder or crimp connections.
- 3** Precision investment-cast and machined **Plug (3a)/ Receptacle (3b)** in aluminium or stainless steel. Sealed for IP66 ingress protection.
- 4** Internal earth connection permits the use of non-armoured cable.
- 5** Cable entries are certified for use with most types of compatible Ex approved cable glands. Rear loading with screw fastenings makes for simple and fast cable termination accommodating both compression and standard sealed glands.





6

Internal 'double insulated' cable connection cartridge.

7

Removable precision investment-cast and machined **End Cap** for terminating the incoming cable.

8

High grade glass filled polymer **Contact Insert** carrying slide-in contact Pins and Sockets. Pins and Sockets can be loaded into any preferred configuration.

9

User configurable **Security Interlock** to prevent non-valid mating.

10

Passivated silver plated contact **Sockets** with longitudinal multi-contact springs for high reliability and low insertion force, providing exceptionally low contact resistance.

Falcon 25 Ex Connector TX3706

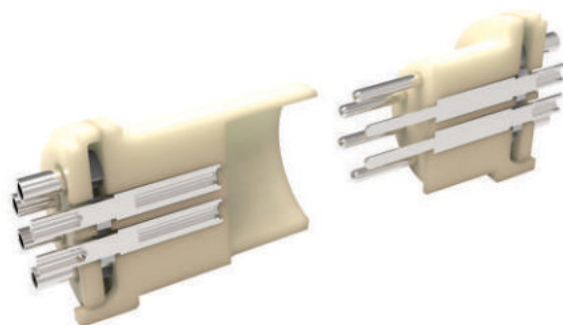


Technical Information

Housing format	25mm contact insert	
Housing material	Stainless Steel –ANC4B Aluminium Alloy –LM25TF –with hard anodised protection (Group II only)	
Cable entry	Choice of threaded cable entry sizes for standard Ex d cable glands: M20 and M25	
Fixed receptacle mounting	M20 into Ex d or Ex e housing M25 into Ex d or Ex e housing	
Fixed receptacle wires	1.5mm ² x 1m, 2m or 3m (L) flexible insulated wire 2.5mm ² x 1m, 2m or 3m (L) flexible insulated wire	
Mating cycles	10,000 no load (Limited to 200 for live disconnect)	
Security coding	5 Selectable positions	
Ingress protection	IP66	
Temperature limits	ATEX/IECEx certified to –50 to +60°C	
Contacts	Multi-spring wire socket and solid pins	
Cable terminations	4, 6 or 8 point crimp or solder –IEC 60352-2	
Contact protection	Passivated silver plate	
Insert material	Glass filled polymer	
Fire rating	UL 94 V-0	
Insulation	Class II double insulated	
Protective earth connections	Screw clamp terminals for 2.5mm ² conductor	
Weight	Stainless Steel	Aluminium
TX3706.1 Line Plug	0.5kg	0.2kg
TX3706.2 Line Receptacle	0.43kg	0.17kg
TX3706.3 Fixed Receptacle	0.4kg	0.15kg
Conformity	EN 61984:2009 –Safety Requirements EN 60664: 2007 –Insulation Co-ordination EN 60079-0: 2012+A11:2013–General Requirements EN 60079-1:2014–Flame-proof enclosures EN 60079-7:2015–Explosive atmospheres. Equipment protected by increased safety “e” EN 60079-31:2014–Equipment Dust Ignition Protection by Enclosure “t”	

Certified for use in underground mines and surface industry with explosive gas and dust atmospheres. For full certification details including certificate numbers, Ex marking and conditions of safe use refer to the product user manual –available at www.trolex.com.

Contact Inserts



The contact inserts are moulded in a high-gradeglass filled polymer. Mechanically interlocked male and female pairs of inserts ensure maximum protection for the pins and sockets during engagement. They can be fitted in either orientation in the plug housing or the receptacle housing and all pins are fully shrouded in all configurations.

Pins & Sockets

Pins or sockets can be inserted into either the male or female inserts according to application preference. Connections can be crimped or soldered, in two available wire sizes 1.5 or 2.5 mm².

Protective Earth

A leading earth pin can be loaded into an insert, this is slightly longer than the standard pin and provides a first make, last break safety earth connection. Internal earth terminals also permit the use of non-armoured cables.

Pilot Circuit Interlocking

A lagging or short pilot pin can be loaded into a pin contact insert. This may be interconnected with the system control circuits to isolate the system power and ensure that all contacts are dead on final separation.



Contact ways	4 to 10
Maximum total current (all contacts)	100A
Maximum rated current (per contact)	25A
Rated voltage	250V ac 100V dc
Wire size	1.5 or 2.5mm ²
Insertion force	6N per contact
Contact resistance	400 μ ohm
Test voltage	2000V
Other voltage transients	3000V
Intrinsically safe connections	30V max

Live Disconnect

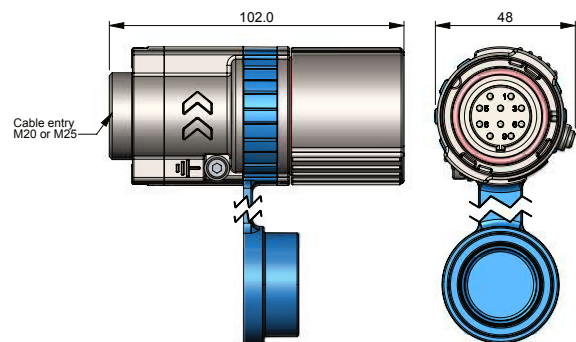
Connecting and disconnecting Falcon in the hazardous area is permitted for short periods to allow maintenance activities or change-out of apparatus where the system power originates ONLY from the SOCKET CONTACT side of the connector.

Contact inserts for LIVE DISCONNECT applications are supplied with high clearance pins to maintain optimum electrical separation.

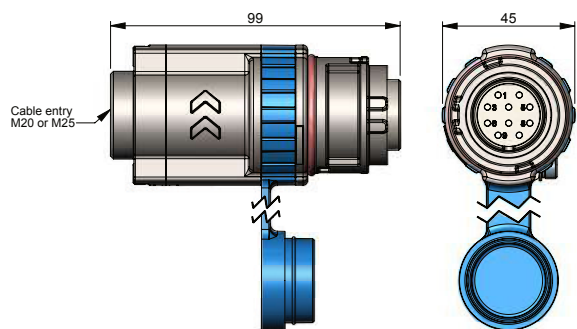
	ac	dc
Maximum voltage: 4-way	250V	250V
Maximum voltage: 10-way	80V	80V
Power factor (Reactive load)	Between 0.6 and 1.0	Between 0.6 and 1.0
Maximum contact current	1A	1A

Dimensions

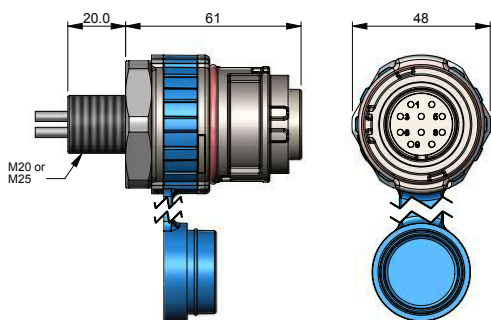
TX3706.1–Line Plug



TX3706.2 –Line Receptacle

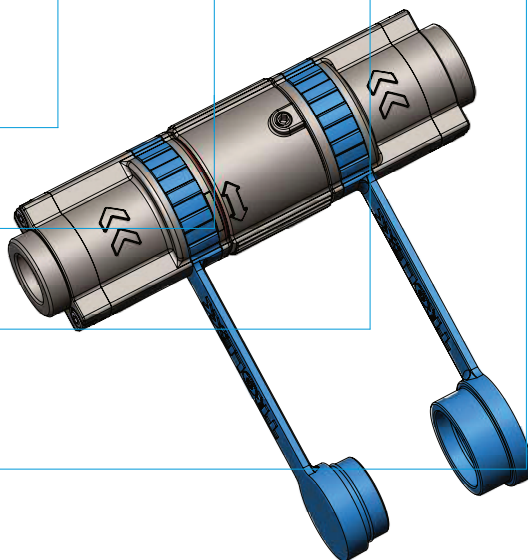


TX3706.3 –Fixed Receptacle

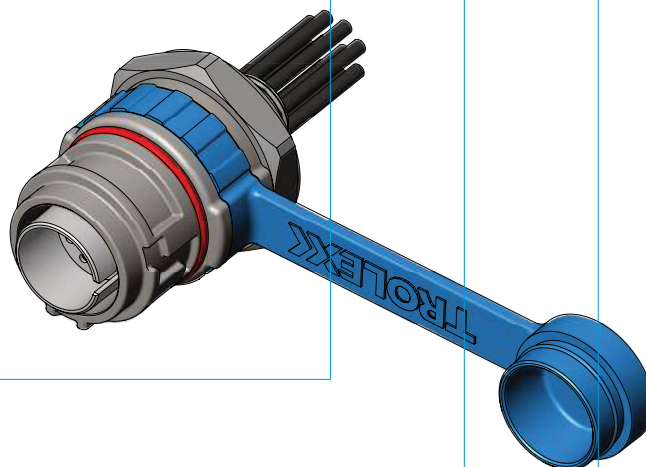


Order Reference

Line Plug	TX3706.1								
Line Receptacle	TX3706.2								
ATEX/IECEX Group I	.19								
ATEX/IECEX Group II	.20								
Aluminium (Group II only)	.02								
Stainless steel	.01								
Insert -4 way	.04								
Insert -10 way	.10								
Pins. Standard	.01								
Sockets	.02								
Pins. Live disconnect	.03								
Wire size -1.5mm ²	.15								
Wire size -2.5mm ²	.25								
Cable gland thread -M20	.20								
Cable gland thread -M25	.25								



Fixed Receptacle	TX3706.3								
ATEX/IECEX Group I	.19								
ATEX/IECEX Group II	.20								
Aluminium	.02								
Stainless steel	.01								
Insert -4 way (Position A)	.04								
Insert -4 way (Position B)	.05								
Insert -4 way (Position C)	.06								
Insert -4 way (Position D)	.07								
Insert -4 way (Position E)	.08								
Insert -10 way (Position A)	.10								
Insert -10 way (Position B)	.11								
Insert -10 way (Position C)	.12								
Insert -10 way (Position D)	.13								
Insert -10 way (Position E)	.14								
Pins. Standard	.01								
Sockets	.02								
Pins. Live disconnect	.03								
Wire size -1.5mm ²	.15								
Wire size -2.5mm ²	.25								
Wire Length L -1m	.01								
Wire Length L -2m	.02								
Wire Length L -3m	.03								
Mounting -M20 Bush	.20								
Mounting -M25 Bush	.25								



Order Reference

Accessories

Mounting Clamp

Stainless steel/polypropylene	TX3706.51
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Earth pin	1.5mm ²	2.5mm ²
Increased insertion length for 'first make -last break' safety earth protection	P5609.23.01	P5609.16.01



Live disconnect / Pilot pin	1.5mm ²	2.5mm ²
Reduced insertion length for 'first break -last make' pilot circuit interlocking	P5609.23.02	P5609.16.02



Ex d Plug cap

Cover cap for combined Ex d and ingress protection after live disconnect or re-application of the power to a Plug	Aluminium TX3706.41(Group II only)
	Stainless steel TX3706.42

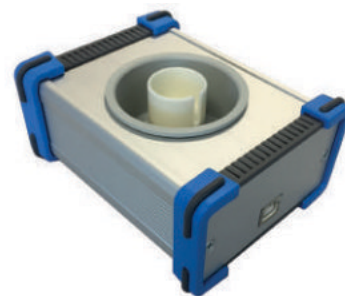


Ex d Receptacle cap

Cover cap for combined Ex d and ingress protection after live disconnect or re-application of the power to a Receptacle	Aluminium TX3706.43 (Group II only)
	Stainless steel TX3706.44



Falcon 25 Flash TX3706.4



USB data collection and storage in a convenient Ex d package

The Falcon 25 Flash can be temporarily connected to a standard pre-wired Falcon receptacle installed on Ex d or Ex e enclosures. Data can be collected via USB links from PCs and data systems in the hazardous area without the need to isolate the equipment power.



1 Pre-wired USB connection to a standard Falcon 4 way receptacle. Fitted with an Ex d cap.

2 The receptacle cap can be temporarily removed with system power still applied. Connect the Falcon Flash to collect data.

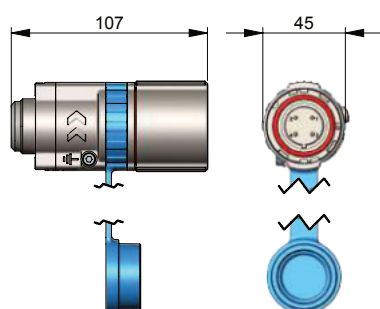
3 Remove the flash drive and replace the receptacle cap.

Technical Information

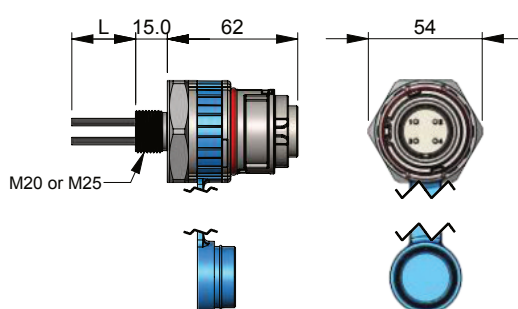
Data storage	32GB as standard
Housing material	Stainless Steel –ANC4B Aluminium Alloy –LM25TF –With hard anodised protection (Group II only)
Fixed receptacle mounting	M20 into Ex d or Ex e housing M25 into Ex d or Ex e housing
Fixed receptacle wires	1.5mm ² x 1m, 2m or 3m long
Ingress protection	IP66
Temperature limits	–10to +60°C
Connections	Pin 1: +V Pin 2: D– Pin 3: D+ Pin 4: GND

Dimensions

TX3706.4 Falcon 25 Flash



TX3706.3 Fixed Receptacle

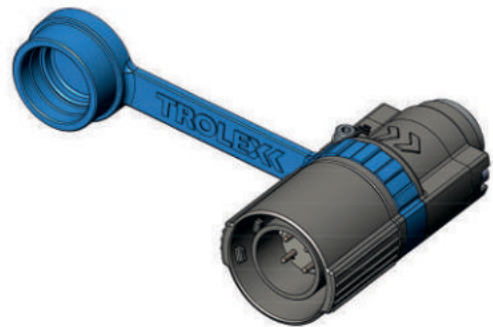


M20 or M25 gland entry mounting on Ex d or Ex e enclosures (standard Falcon fixed receptacle)

Order Reference

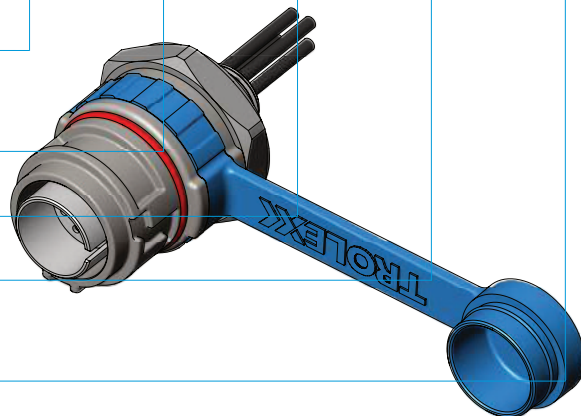
TX3706.4 –Falcon 25 Flash. Complete with ingress protection cap

TX3706.4					
ATEX/IECEX Group I	.19				
ATEX/IECEX Group II	.20				
Aluminium (Group II only)	.02				
Stainless steel	.01				



TX3706.3 –Fixed Receptacle

TX3706.3										
ATEX/IECEX Group I	.19									
ATEX/IECEX Group II	.20									
Aluminium (Group II only)	.02									
Stainless steel	.01									
Insert –4 way (Position C)	.06									
Sockets	.02									
Wire size –1.5mm²	.15									
Wire size –2.5mm²	.25									
Wire Length L –1m	.01									
Wire Length L –2m	.02									
Wire Length L –3m	.03									
Mounting –M20	.20									
Mounting –M25	.25									

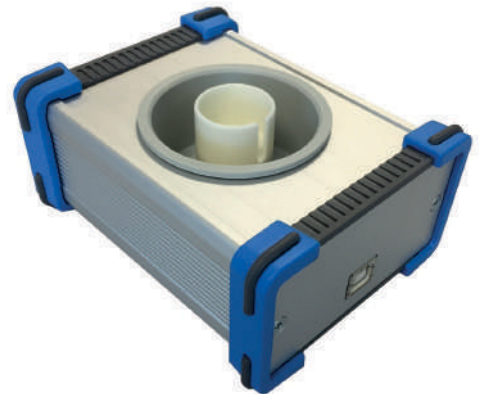


TX3706.43 (Aluminium) TX3706.44 (Stainless Steel) Ex d receptacle cap



Cover cap for combined Ex d and ingress protection after live disconnect or reapplication of the power to a receptacle.

TX3706.5 Falcon Connecting Dock accessory



Convenient direct connection of the Falcon 25 Flash to a PC USB dataport.

Complete with USB connection cable
Length: 1metre
Safe area only

Certification for TX3706.4

Certified for use in underground mines and surface industry with explosive gas and dust atmospheres. For full certification details including certificate numbers, Ex marking and conditions of safe use refer to the product user manual –available at www.trolex.com.

Falcon 25 Fibre Ex Connector TX3706.6, TX3706.7, TX3706.8



The Falcon 25 Series connector is equipped with Cinch expanded beam technology to provide fibre solutions for use in heavy duty applications and hazardous areas.

Cinch expanded beam fibre optic inserts are designed for use in harsh industrial environments offering high performance and cost effectiveness, combined with a simple termination process for rapid in-field termination or repair.



Technical Information

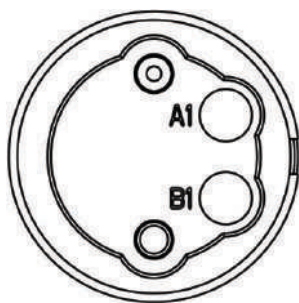
Housing format	25mm Fibre Insert
Housing material	Stainless Steel –ANC4B Aluminium Alloy –LM25TF –with hard anodised protection (Group II only)
Cable entry	Choice of threaded cable entry sizes for standard Ex d cable glands: M20 and M25
Fixed receptacle mounting	M20 into Ex d or Ex e housing M25 into Ex d or Ex e housing
Optical fibres	To specification
Mating cycles	1000
Security coding	5 selectable positions
Ingress protection	IP66
Temperature limits	–40 to +60°C
Weight	
TX3706.6 Fibre Line Plug	0.5kg
TX3706.7 Fibre Line Receptacle	0.43kg
TX3706.8 Fibre Fixed Receptacle	0.4kg
Conformity	EN 61984:2009 –Safety Requirements EN 60664: 2007 –Insulation Co-ordination EN 60079-0: 2012+A11:2013–General Requirements EN 60079-1: 2014 –Flame-proof enclosures EN 60079-7:2015–Explosive atmospheres. Equipment protection by increased safety “e” EN 60079-28:2015–Explosive atmospheres. Protection of equipment and transmission systems using optical radiation EN 60079-31:2014–Equipment Dust Ignition Protection by Enclosure “t”

Certified for use in underground mines and surface industry with explosive gas and dust atmospheres. For full certification details including certificate numbers, Ex marking and conditions of safe use refer to the product user manual –available at www.trolex.com.

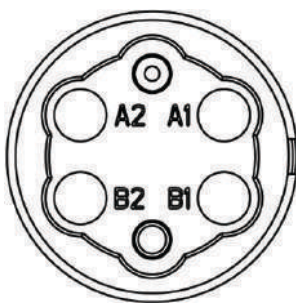


Optical fibres	Arrangements below
Insertion loss	Multi Mode: <-1.0dB Single Mode: <-1.5dB
Return loss	Single Mode: >32dB
Insert material	Glass Filled Polymer /Stainless Steel
Cable assembly	Custom as specified

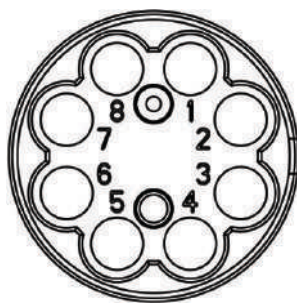
Optical inserts



2 Channel



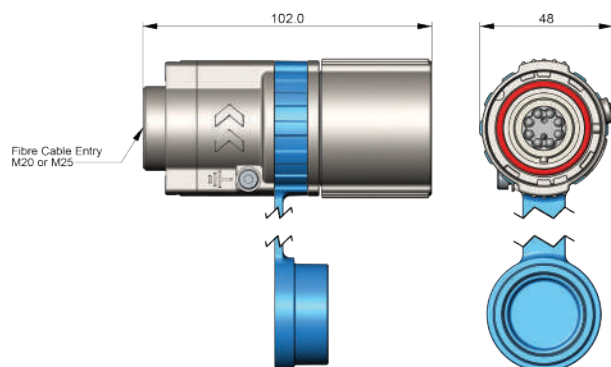
4 Channel



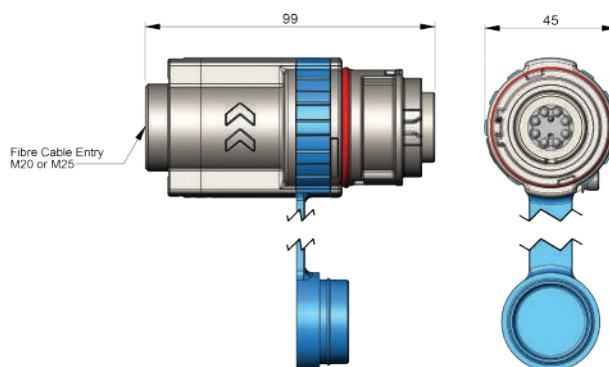
8 Channel

Dimensions

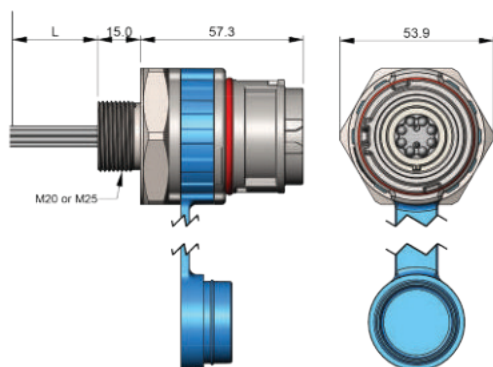
TX3706.6 –Fibre Line Plug



TX3706.7 –Fibre Line Receptacle



TX3706.8 –Fibre Fixed Receptacle



Ordering

Please contact our technical support team for assistance in specifying your exact format and for any pre-assembled optical fibre cable that may be required.

Order Reference

Line Plug	TX3706.1										
Line Receptacle	TX3706.2										
Aluminium Connector W/Brass Gland	01										
Stainless Steel Connector and Gland	02										
Two Core Connector /Armoured Cable	02										
Four Core Connector W/Armoured Cable	04										
Eight Core Connector W/Armoured Cable	08										
Standard Keyway Coding	C										
Refer To Factory For Keyway Coding	A-E										
62.5/125 (Multi-Mode)	1										
50/125 (Multi-Mode)	2										
9/125 (Single-Mode)	3										
In 0.1m Increments (Min. 3m)	E.G. 0031=3.1m										
TX3706.1 Line Plug –Aluminium (Group II Only)	A1										
TX3706.1 Line Plug –Stainless Steel	S1										
TX3706.2 Line Receptacle –Aluminium (Group II Only)	A2										
TX3706.2 Line Receptacle –Stainless Steel	S2										
Breakout (100mm With M20 Gland)	B#										
Breakout (250mm With M20 Gland)	C#										
Breakout (500mm With M20 Gland)	D#										
Breakout (1000mm With M20 Gland)	E#										

Where # =L For LC's /T For ST's /C For SC's

Fixed Receptacle	TX3706.3										
Aluminium Connector W/Brass Gland	01										
Stainless Steel Connector And Gland	02										
Two Core Connector W/2 x Simplex Fibres	02										
Four Core Connector W/4 x Simplex Fibres	04										
Eight Core Connector W/8 x Simplex Fibres	08										
Standard Keyway Coding	C										
Refer To Factory For Keyway Coding	A-E										
62.5/125 (Multi-Mode –Grey Fibres)	1										
50/125 (Multi-Mode –Orange Fibres)	2										
9/125 (Single-Mode –Yellow Fibres)	3										
In 0.1m Increments (Min. 3m)	E.G. 0031=3.1m										
Fixed Receptacle With M20 Thread	M20										
Fixed Receptacle With M25 Thread	M25										

Where # =L For LC's /T For ST's /C For SC's

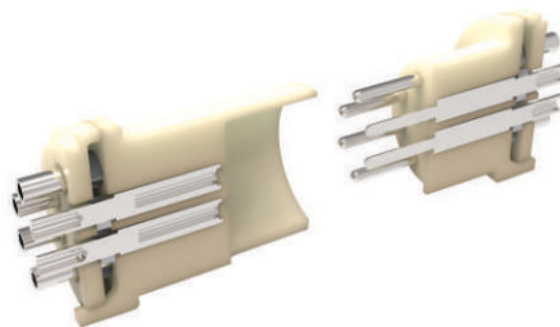
Falcon 40 Ex Connector TX3740



Technical Information

Housing format	40mm contact insert	
Housing material	Stainless Steel –ANC4B Aluminium Alloy –LM25TF –with hard anodised protection (Group II only)	
Cable entry	Choice of threaded cable entry sizes for standard Ex d cable glands: M32 and M40	
Fixed receptacle mounting	M32 into Ex d or Ex e housing M40 into Ex d or Ex e housing	
Fixed receptacle wires	1.5mm ² x 1m, 2m or 3m (L) flexible insulated wire 2.5mm ² x 1m, 2m or 3m (L) flexible insulated wire	
Mating cycles	10,000 no load (Limited to 200 for live disconnect)	
Security coding	6 Selectable positions	
Ingress protection	IP66	
Temperature limits	ATEX/IECEx certified to –50 to +60°C	
Contacts	Multi-spring wire socket and solid pins	
Cable terminations	4, 6 or 8 point crimp or solder –IEC 60352-2	
Contact protection	Passivated silver plate	
Insert material	Glass filled polymer	
Fire rating	UL 94 V-0	
Insulation	Class II double insulated	
Protective earth connections	Screw clamp terminals for 2.5mm ² conductor	
Weight	Stainless Steel	Aluminium
TX3740.1 Line Plug	1.2kg	0.65kg
TX3740.2 Line Receptacle	1.1kg	0.5kg
TX3740.3 Fixed Receptacle	1kg	0.45kg
Conformity	EN 61984:2009 –Safety Requirements EN 60664: 2007 –Insulation Co-ordination EN 60079-0: 2012+A11:2013–General Requirements EN 60079-1:2014–Flame-proof enclosures EN 60079-7:2015–Explosive atmospheres. Equipment protected by increased safety “e” EN 60079-31:2014–Equipment Dust Ignition Protection by Enclosure “t”	

Contact Inserts



The contact inserts are moulded in a high-grade glass filled polymer. Mechanically interlocked pairs of inserts ensure maximum protection for the pins and sockets during engagement. They can be fitted in either orientation in the plug housing or the receptacle housing and all pins are fully shrouded in all configurations.

Pins & Sockets

Pins or sockets can be inserted into either the male or female inserts according to application preference. Connections can be crimped or soldered, in two available wire sizes 1.5 or 2.5 mm².

Protective Earth

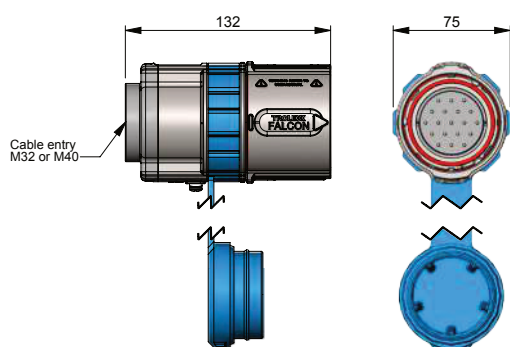
A leading earth pin can be loaded into an insert, this is slightly longer than the standard pin and provides a first make, last break safety earth connection. Internal earth terminals also permit the use of non-armoured cables.

Pilot Circuit Interlocking

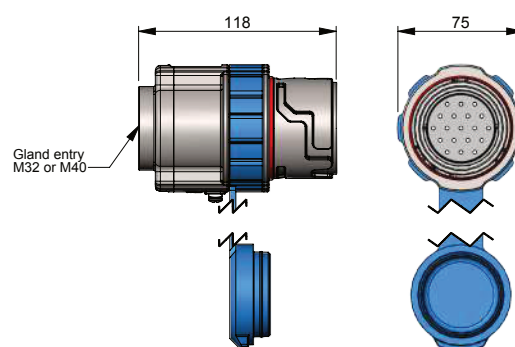
A lagging or short pilot pin can be loaded into a pin contact insert. This may be interconnected with the system control circuits to isolate the system power and ensure that all contacts are dead on final separation.

Dimensions

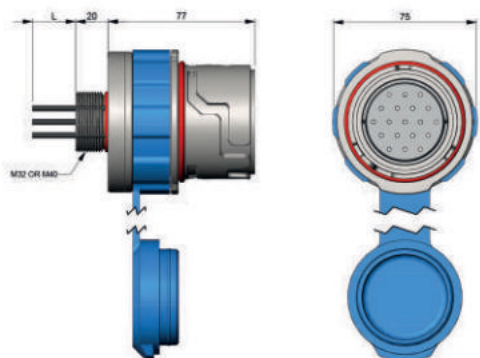
TX3740.1-Line Plug



TX3740.2 -Line Receptacle



TX3740.3 -Fixed Receptacle



Order Reference

Line Plug	TX3740.1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Line Receptacle	TX3740.2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

ATEX/IECEX Group I	.19	
ATEX/IECEX Group II	.20	
Aluminium (Group II only)	.02	
Stainless steel	.01	
Insert -19 way	.19	
Insert -37 way	.37	
Pins	.01	
Sockets	.02	
Pins.standard Live disconnect	.03	
Wire size -1.5mm ²	.15	
Wire size -2.5mm ²	.25	
Cable gland thread -M32	.32	
Cable gland thread -M40	.40	

Fixed Receptacle	TX3740.3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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ATEX/IECEX Group I	.19	
ATEX/IECEX Group II	.20	
Aluminium (Group II only)	.02	
Stainless steel	.01	
Insert -19 way	.19	
Insert -37 way	.37	
Pins	.01	
Sockets	.02	
Pins.standard Live disconnect	.03	
Wire size -1.5mm ²	.15	
Wire size -2.5mm ²	.25	
Wire Length L -1m	.01	
Wire Length L -2m	.02	
Wire Length L -3m	.03	
Cable gland thread -M32	.32	
Cable gland thread -M40	.40	

Order Reference

Accessories

Mounting Clamp

Stainless steel/polypropylene	TX3740.51
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Earth pin	1.5mm ²	2.5mm ²
Increased insertion length for 'first make -last break' safety earth protection	P5623.23.01	P5623.16.01



Live disconnect / Pilot pin	1.5mm ²	2.5mm ²
Reduced insertion length for 'first break -last make' pilot circuit interlocking	P5623.23.02	P5623.16.02



Ex d Plug cap

Cover cap for combined Ex d and ingress protection after live disconnect or re-application of the power to a Plug . Integrated with the flexible cover cap.	Aluminium (Group II only) TX3740.41
	Stainless steel TX3740.42



Ex d Receptacle cap

Cover cap for combined Ex d and ingress protection after live disconnect or re-application of the power to a Receptacle . Integrated with the flexible cover cap.	Aluminium (Group II only) TX3740.43
	Stainless steel TX3740.44



A close-up image of a Falcon connector. It features a silver-colored metal body with a blue plastic band around the middle. A blue cable is plugged into the bottom, and a blue protective cap is partially visible on the right.

Customised Falcons

The unique design and construction flexibility of Falcon means that we can offer a whole range of contact configurations and hybrid power and data combinations for specific or bespoke applications.

Connectors can be supplied complete with dedicated fitted cable systems.