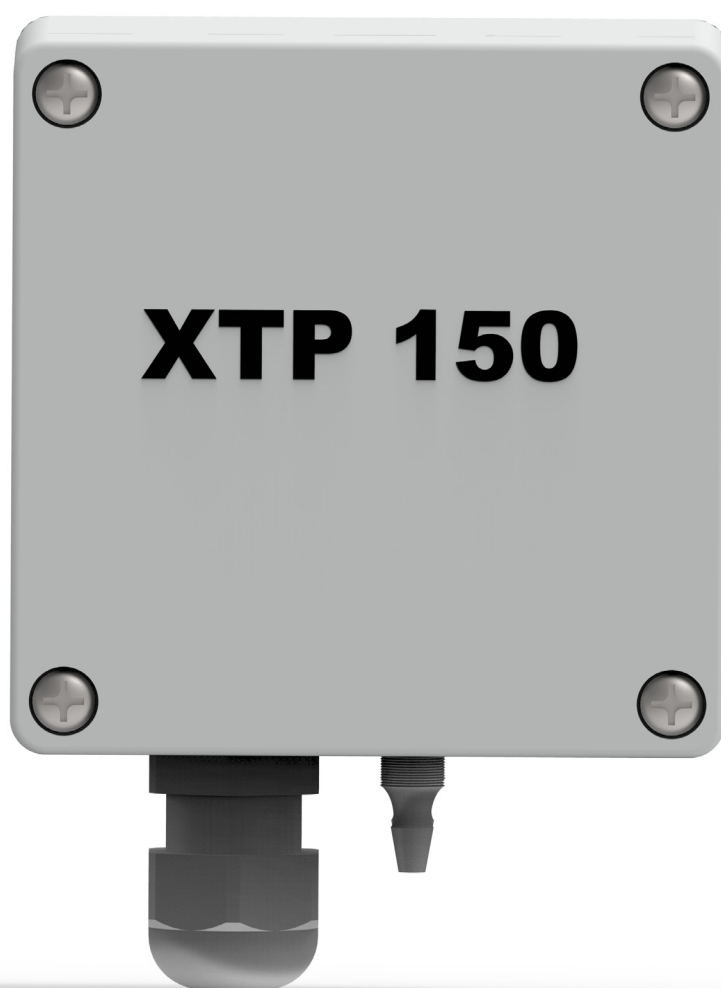
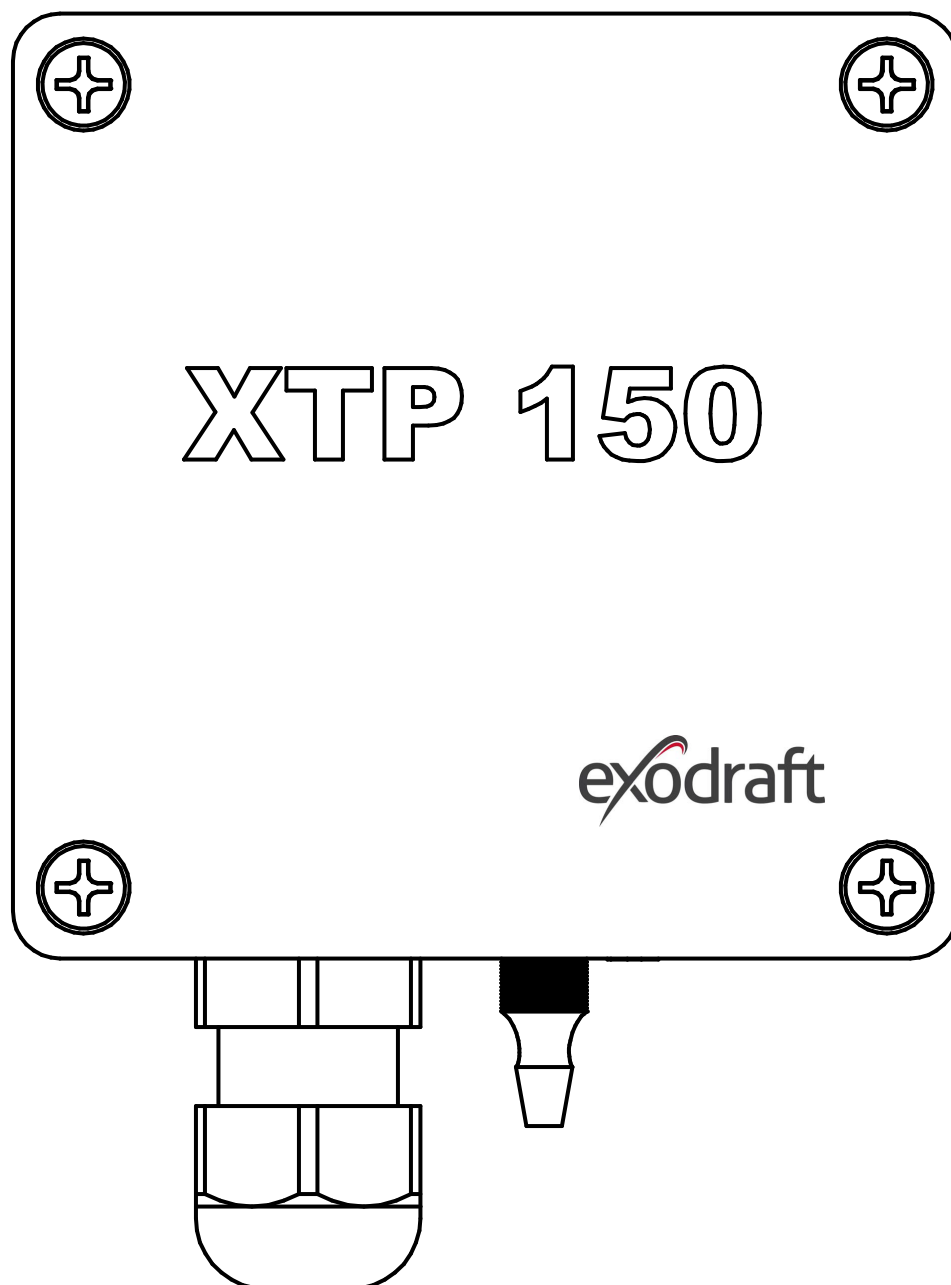


Accessory

XTP150





Accessory | XTP150**Content**

Product information	7
Scope of supply	7
Warranty	7
Technical specifications	8
Construction and components	9
Installation	10
Fitting	10
Electrical wiring	11
Operation and configuration	12
UK Conformity Assessed	13
Declaration of Conformity	14



How to use this manual

This manual has been prepared based on the specific product and contains relevant technical information and installations guides.

*Accessories and spare parts are not covered by this manual.
Please refer to the individual manuals of these components.*

This installation manual does not contain any system design documentation.

*Failure to observe instructions marked with a danger symbol
may result in personal injury and/or damage to the product.*

Errors and omissions excepted.



Disposal

Electrical and electronic equipment (EEE) often contain materials, components and substances that may harm the environment or be hazardous to your health. Products (WEEE) marked with the 'crossed-out wheeled bin' symbol should be disposed of separately from other waste at the end of its life. Though legislation may differ from country to country we strongly advise that electrical and electronic waste is separated from other waste and disposed of according to national legislation to protect the environment and personnel that may come into contact with waste.

Symbols

The following symbols may be used in the manual to draw attention to danger or risk of personal injury or damage to the product.



General prohibition

Failure to observe instructions marked with the prohibited symbol may result in extreme danger or serious personal injury.



General attention

Marks a dangerous situation that, in the worst-case scenario, can cause serious personal injury or significant damage to the product.



General warning

Failure to observe instructions marked with a danger symbol may result in personal injury and/or damage to the product.



Electricity hazard/High Voltage

Marks a situation in which caution is advised due to the risk of high voltage electric shock which can cause serious personal injury or significant damage to the product.



Connect an earth terminal to the ground

Failure to observe instructions marked with a danger symbol may result in personal injury and/or damage to the product.



Permitted and approved

Permitted and approved method of installation.



Prohibited and not approved

Prohibited and not approved method of installation.



Warning

To minimise the risk of fire, electric shock, personal injury and/or damage to the product please observe the following:

- Please read the manual before you start using the product and only use the product in accordance with the manufacturer's instructions. If in doubt, contact one of our specialized dealers.
- All installations must be carried out by properly qualified personnel and in accordance with national legislation and regulations.
- In order to avoid chimney fires, ensure that the chimney has been swept before mounting the fan.
- Prior to servicing the product, disconnect the power and ensure that it cannot accidentally be reconnected.
- Exodraft always recommends the use of a smoke alarm when a solid fuel fireplace is installed.

Product information

XTP150 is a high-precision pressure transducer specially developed for solid-fuel systems. The XTP monitors the pressure and outputs a signal from 0-10V proportional to the pressure.

Incorrect use may result in problems with soot, chimney fires, etc. which might damage the product. Please check out this site for advice about the product:

www.exodraft.com

Scope of supply

- XTP150
- Silicone hose Ø 5 mm
- Installation manual and user instructions

Warranty

All Exodraft products are covered by a 2-year guarantee as per European consumer rights legislation. For some countries an extended period of guarantee may apply depending on either national legislation or other clearly stipulated conditions. Customer complaints must be handled by a specialised dealer or wholesaler (preferably where the Exodraft product has been bought originally). An updated list of Exodraft specialised dealers can be found on our website for the country in question.

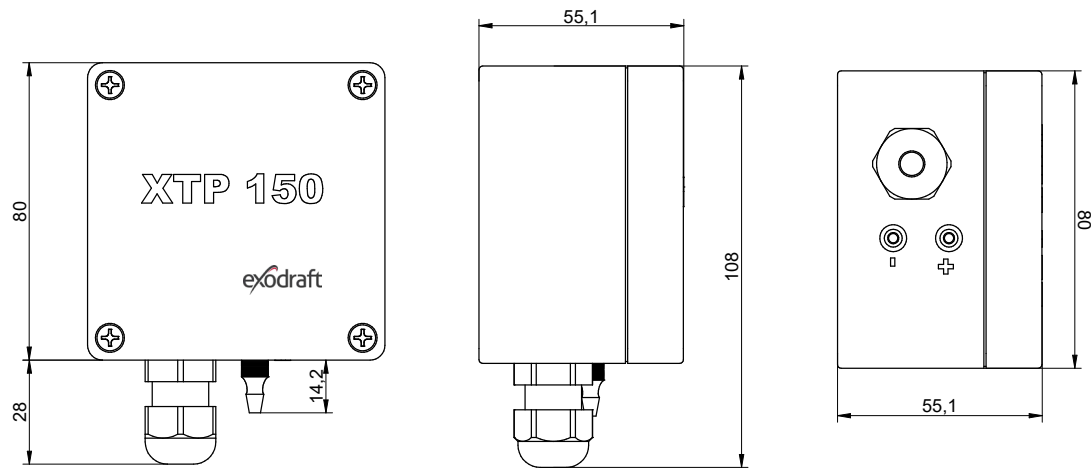
Exodraft products must always be installed by properly qualified personnel. Exodraft reserves the right to change these guidelines without prior notice.

The warranty and liability does not cover instances regarding personal injury or damage to property or the product that can be ascribed to one or more of the following causes:

- Failure to follow this installation and operation manual
- Incorrect installation, start-up, maintenance or servicing
- Improper repairs
- Unauthorised structural modifications made to the product
- Installation of additional components that have not been tested/approved with the product
- Any damage resulting from continued use of the product despite an evident defect
- Failure to use original spareparts and accessories
- Failure to use the product as intended
- Exceeding or failure to meet the limit values in the technical data
- Force majeure

Technical specifications

Technical data



Description	XTP150
H x W x D [mm]	80 x 82 x 55
Weight	165 g
Material:	Box: Leight grey polycarbonat (PC)
Ingress Protection	IP65
Pressure range	5 Pa - 150 Pa (5 Pa -250 Pa) +/- 0,1 % Full scale

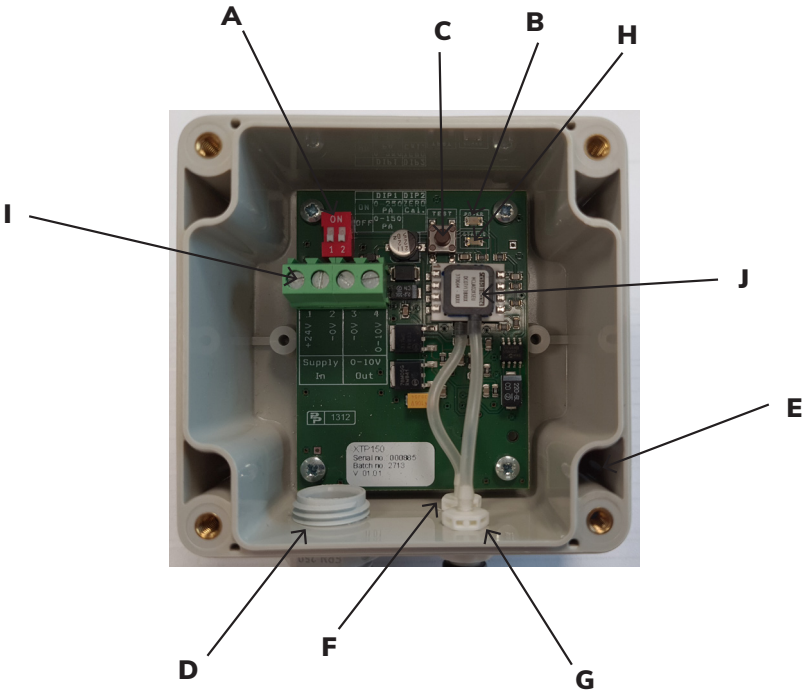
Description	Inputs
Supply	24 VDC (+/- 15 %)
Power Consumption, absolute max:	30 mA
Power Consumption, nominal	20 mA

Description	Outputs
Output	0-10 VDC, max. 10 mA

Ambient temperature	-25 °C - +50 °C
Storage temperature:	-25 °C - +50 °C
Connection terminals:	Screw: max. 1.5 wire
Cable length	Max. 100 m, min. 0.75 wire

Description	Miscellaneous
Tolerable overload	5000 Pa
Medium	Air and exhaust gases
Response time	< 0,2 s
Resolution from digital sensor	0,01 Pa
Repeatability	+/- 0,1 % Full scale
Combined non-linearity and hysteresis	+/- 0,05 % Full scale
Offset longtime drift 1 year	+/- 0,7 Pa max.
Temperature drift	+/- 1,0 % Full scale
Transfer ratio	0,6 (250 Pa signal / 150 Pa output)

Construction and components



A	DIP switch	F	(-) Pressure connector (P2)
B	Power LED	G	(+) Pressure connector (P1)
C	Zero-point calibration button	H	Status LED
D	Cable connector	I	Connecting terminals
E	Mounting holes	J	Pressure transducer

DIP switch (A)	Setting	Function	Factory setting	OFF	ON
	1	0-150 / 0-250 Pa	OFF	0-150 Pa	0-250 Pa
	2	Calibration enabled	OFF	OFF	Calibrate

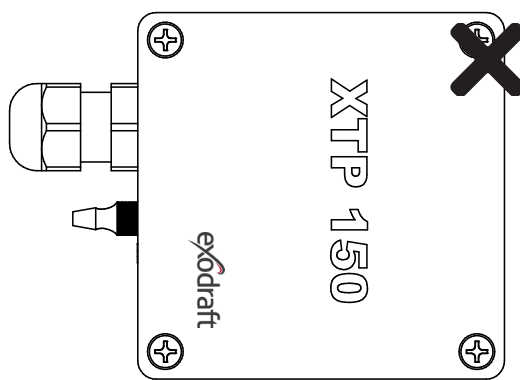
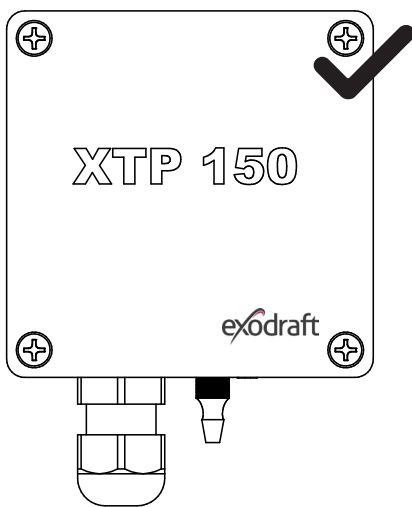
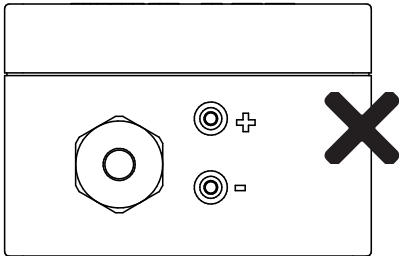
Operating LED (B/H)	Indication	Function
	Power LED Flashing YELLOW	Power On
	Status LED constant GREEN	Unit is Ok
	Status LED off	Unit is not working

Zero-point calibration button (C)	To activate	Function
	Press and hold for 5 s	Calibration of zero point

Installation

Fitting

The XTP150 must be fitted with the hose connectors facing down.



For negative-pressure measurement, fit the pressure hose to the (-) Pressure connector.

For positive-pressure measurement, fit the pressure hose to the (+) Pressure connector.

Outdoor

If there is a risk of adverse effect from strong winds, the hose located inside the XTP150 can be removed from the (+) valve. Interfilter should be fitted to the external (+) valve. The filter is not supplied by Exodraft.



Do not blow into the valves on the XTP150

Electrical wiring



ATTENTION! Electrical wiring of the controller must be carried out in accordance with national legislation and regulations. Earth must always be connected.

Terminals

XTP150 is connected to the screw terminals as shown below.

			
+24V	20V	30V	40-10V
Supply In		0-10V	Out

Terminal	Description
1	+24 V DC Supply in
2	– 0 V DC Supply in (Bridged with terminal 3)
3	– 0 V DC Signal out (Bridged with terminal 2)
4	0–10 V DC Signal out

NB! Max. 100 metre cable, min. 0.75 wire.

Operation and configuration

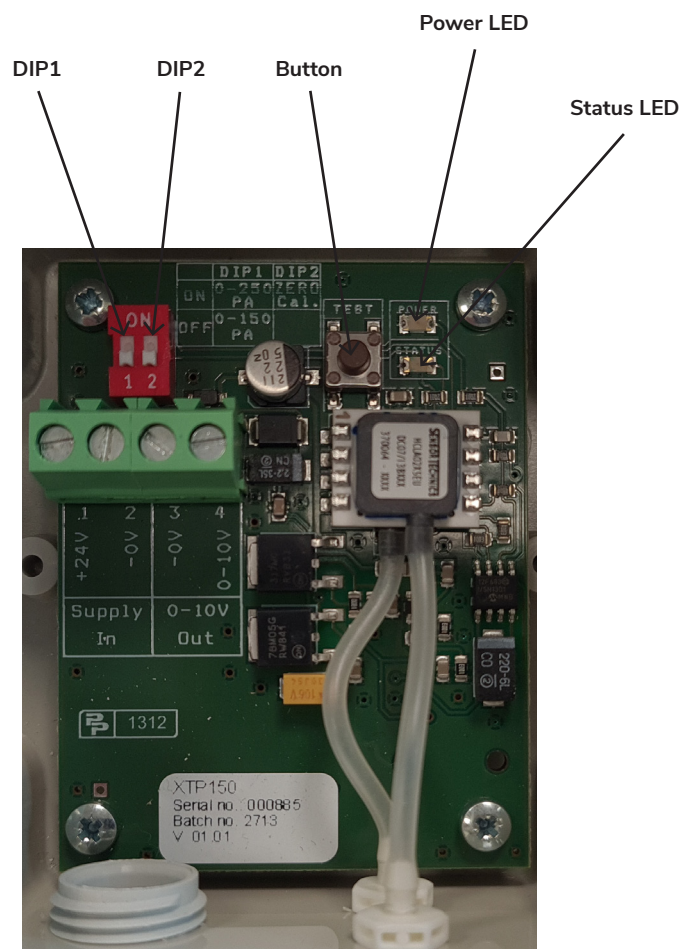
Under normal operation the Status LED is illuminated and the Power LED is blinking. If the Status LED is off, remove power to the sensor and perform a calibration. If this does not remedy the problem, the sensor is faulty.

How to calibrate the XTP sensor

- Remove the tubes from the sensor
- Switch the DIP2 to "ON" position
- Press the button until the Power LED starts blinking
- Switch the DIP2 to "OFF" position
- Reposition the tubes

How to change measuring range on a XTP150

- Remove the tubes from the sensor
- Switch the DIP1 to "ON" position
- Switch the DIP2 to "ON" position
- Press the button until the Power LED starts blinking
- Switch the DIP2 to "OFF" position
- Reposition the tubes





UK Conformity Assessed

exodraft

**Exodraft a/s
Industrivej 10
DK-5550 Langeskov**

Hereby declares that the following products:

XTP150

Were manufactured in conformity with the provisions of the following regulations:

The Supply of Machinery (Safety) Regulations 2008

Electrical Equipment (Safety) Regulations 2016

Electromagnetic Compatibility Regulations 2016

Langeskov, 01-11-2022
Managing Director
Anders Haugaard





Declaration of Conformity

DK: EU-Overensstemmelseserklæring
GB: Declaration of Conformity
DE: EU-Konformitätserklärung
FR: Déclaration de conformité de l'Union Européenne
NO: EU-Samsvarserklæring
PL: EU Deklaracja zgodności

NL: EU-Conformiteits verklaring
SE: EU-Överensstämmelsedeklaration
FI: EU-Vaatimustenmukaisuusvakuutus
IS: ESS-Samræmisstaðfesting
IT: Dichiarazione di Conformità Unione Europea

exodraft

Exodraft a/s
Industrivej 10
DK-5550 Langeskov

Erklærer på eget ansvar, at følgende produkter:
Hereby declares that the following products:
Erklært hierdurch auf eigene Verantwortung, daß folgende Produkte:
Déclare, sous sa propre responsabilité, que les produits suivants:
Erklærer på eget ansvar at følgende produkter:
Niniejszym oświadczam, że następujące produkty:

Veklaart dat onderstaande producten:
Deklarerar på eget ansvar, att följande produkter:
Vastaa siltä, että seuraava tuote:
Staðfesti à eigin àbyrgð, að eftirfarandi vörur:
Dichiara con la presente che i seguenti prodotti:

XTP150

Som er omfattet af denne erklæring, er i overensstemmelse med følgende standarder:
Were manufactured in conformity with the provisions of the following standards:
Die von dieser Erklärung umfaßt sind, den folgenden Normen:
Auxquels s'applique cette déclaration sont en conformité avec les normes ci-contre:
Som er omfattet av denne erklæring, er i samsvar med følgende standarder:
Zostały wyprodukowane zgodnie z warunkami określonymi w następujących normach:

Zijn vervaardigd in overeenstemming met de voorschriften uit de hieronder genoemde normen en standaards:
Som omfattas av denna deklaration, överensstämmer med följande standarder:
Jota tämä selvitys koskee, on seuraavien standardien mukainen:
Sem eru meðtalin í staðfestingu Pessari, eru í fullu samræmi við eftirtalda staðla:
Sono stati fabbricati in conformità con le norme degli standard seguenti:

EN 60335-1, EN 60335-2-80, DS/EN ISO 12100: 2011

I.h.t bestemmelser i direktiv:
In accordance with
Entsprechen gemäß den Bestimmungen der folgenden Richtlinien:
Suivant les dispositions prévues aux directives:
I.h.t bestemmelser i direktiv:
Zgodnie z:

En voldoen aan de volgende richtlijnen:
Enligt bestämmelserna i följande direktiv:
Seuraavien direktiivien määräysten mukaan:
Med tilvisun til ákvarðana eftirlits:
In conformità con le direttive:

Maskindirektivet:
The Machinery Directive:
Richtlinie Maschinen:
Directive Machines:
Maskindirektivet:
Dyrektywę maszynową:

De machinerichtlijn:
Maskindirektivet
Konedirektiivi:
Vèlaeftirlitið:
Direttiva Macchinari:

2006/42/EF-EEC/-EWG/-CEE

Lavspændingsdirektiv:
The Low Voltage Directive:
Niederspannungsrichtlinie:
Directive Basse Tension:
Lavspenningsdirektivet:
Dyrektywę Niskonapięciową

De laagspanningsrichtlijn:
Lågspänningsdirektivet:
Pienjännitedirektiivi:
Smáspennueftirlitið:
Direttiva Basso Voltaggio:

2014/35/EC

EMC-direktivet:
And the EMC Directive:
EMV-Richtlinie:
Directive Compatibilité Electromagnétique:
EMC-direktivet:
Dyrektywę EMC – kompatybilności elektromagnetycznej

En de EMC richtlijn:
EMC-direktivet:
EMC-direktiivi:
EMC-efirlitið:
Direttiva Compatibilità Elettromagnetica:

2014/30/EC

Langeskov, 01-11-2022
Adm. direktør
Managing Director
Anders Haugaard

Algemeen directeur
Geschäftsführender Direktor
Président Directeur Général
Verkställande direktör
Toimitusjohtaja
Framkvemdastjóri
Direttore Generale

DK: Exodraft a/s

Industrivej 10
DK-5550 Langeskov
Tel: +45 7010 2234
Fax: +45 7010 2235
info@exodraft.dk
www.exodraft.dk

SE: Exodraft a/s

Valhallavägen 9A
SE-375 30 Mörrum
Tel: +46 (0)8-5000 1520
info@exodraft.se
www.exodraft.se

NO: Exodraft a/s

Storgaten 88
NO-3060 Svelvik
Tel: +47 3329 7062
info@exodraft.no
www.exodraft.no

UK: Exodraft Ltd.

24 Janes Meadow, Tarleton
GB-Preston PR4 6ND
Tel: +44 (0)1494 465 166
Fax: +44 (0)1494 465 163
info@exodraft.co.uk
www.exodraft.co.uk

DE: Exodraft a/s

Niederlassung Deutschland
Industriestraße 14
DE-55768 Hoppstädten-Weiersbach
Tel: +49 6782 989 590
Fax: +49 6782 989 5929
info@exodraft.de
www.exodraft.de

FR: Exodraft sas

78, rue Paul Jozon
FR-77300 Fontainebleau
Tel: +33 (0)6 3852 3860
info@exodraft.fr
www.exodraft.fr

Your energy. Optimized.

The logo for Exodraft, featuring the word "exodraft" in a bold, sans-serif font. A stylized, curved line starts above the 'x', loops around it, and extends upwards and to the right, ending above the 't'.