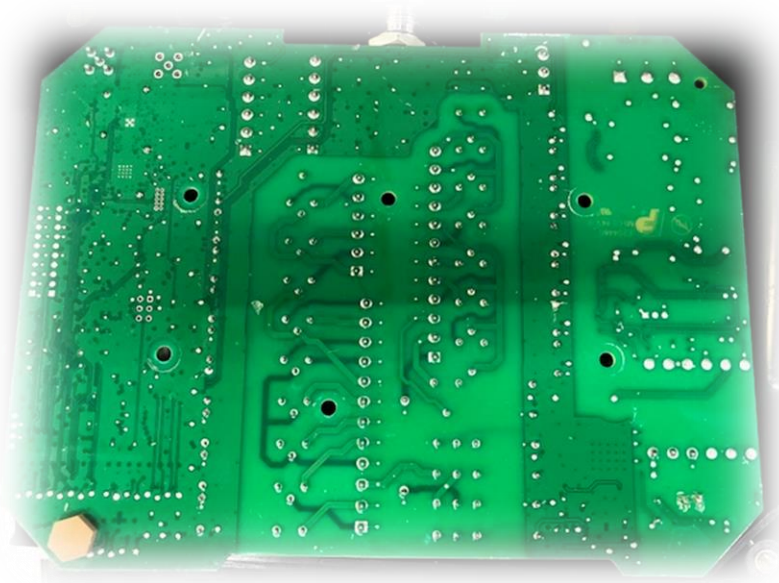


Portable control unit (transmitter) D3 DRC-MP

D3 DRC-MP: 2.4 GHz transmitter

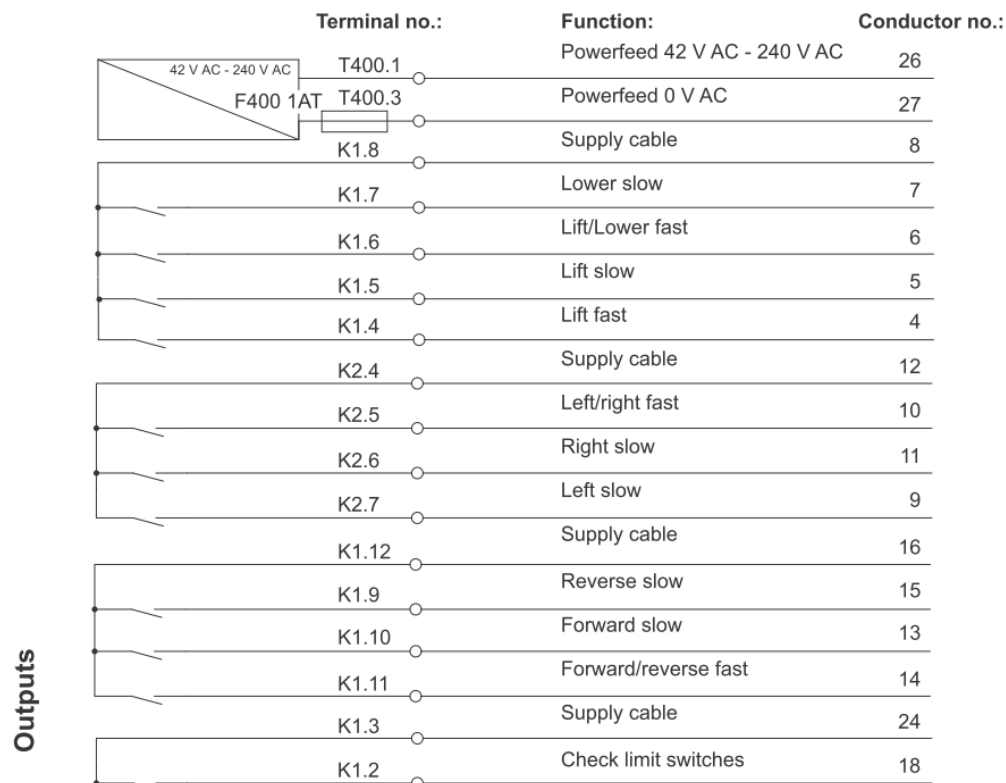


Scanreco AB

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Box 90304, SE-120 25 Stockholm, Sweden
Tel +46 8 556 32 800
www.scanreco.com

This product is intended to be installed in a Control unit system as a transmitter by Scanreco AB and it is designed preferably for wireless control of crane installations, travelling hoist units, chain and rope hoists, transfer carriages and similar applications.

Terminal diagrams:



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Radio part diagram:

Radio specification:

Attribute	Information
Frequency	2.405 – 2.480 GHz
Channels	16
Channels management	FHSS
Channel bandwidth	2.7 MHz
RF Power	+18 dBm typical
Modulation	GFSK
Range	100 meter

Antenna specification:

N	Antenna type	Details	Manufacture	Part number	Connector	Gain
1	Dipole antenna	Total length 82 mm, Ø17mm	Scanreco	50250	TNC	2 dBi
2	Striaight antenna	185 mm length, Ø13mm	Nearson	102784	TNC/SMA	5 dBi

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Installation description:

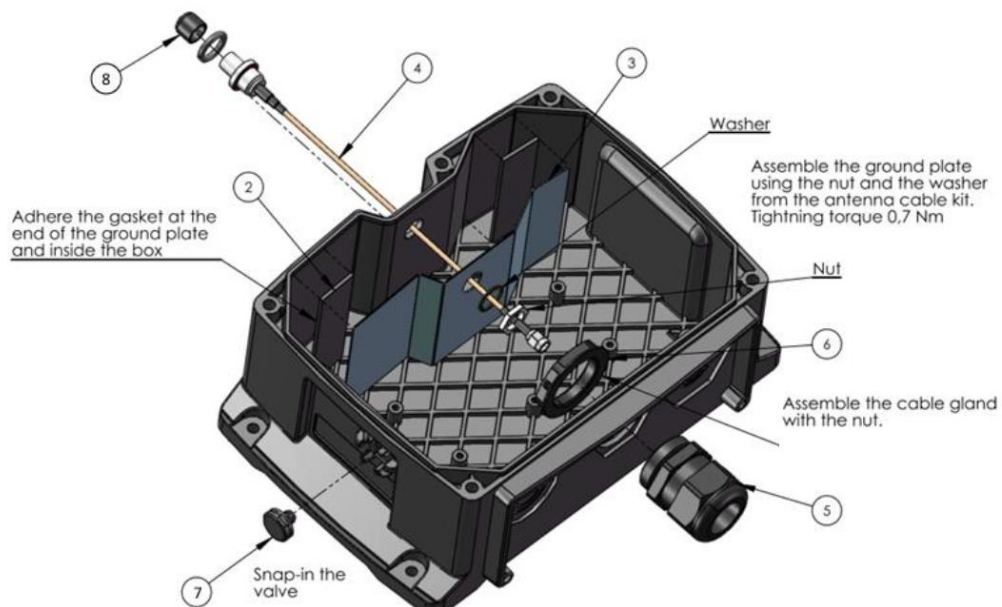


Figure 1

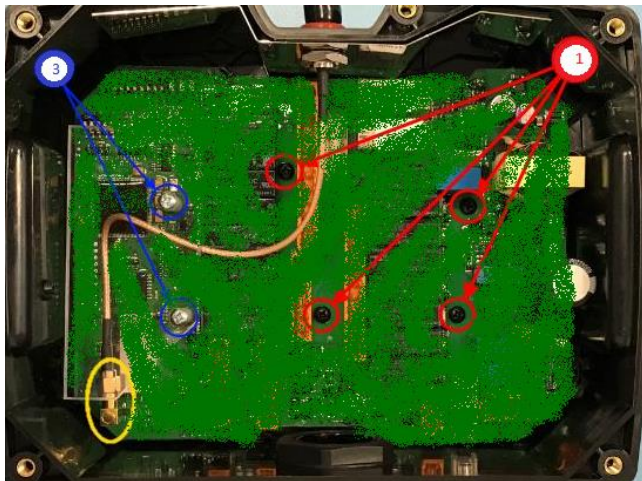


Figure 2

- 1- Assemble D3 DRC-MP to box with screws. Torque = 0.7Nm.
- 2- Screw antenna connector to PCBA. Torque = 0.56Nm
- 3- Assemble transparent plastic cover. Tightening torque = 0.7Nm, see Figure 2.

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FCC information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesirable operation.

Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Industry Canada information

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAN ICES-3 (A)/NMB-3(A)

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