

DigiTRAK® F Series™ Transmitters

All F Series transmitters can be used with both F2® and F5® systems. F Series transmitters send roll data using a 12-position clock and 0.1% pitch resolution. The 12 kHz DucTrak™ transmitter for tracking existing non-metallic ducts also works with both F2 and F5 systems.

FS – 12 kHz 8” Short Range Transmitter



FX 12 – 12 kHz 15” Long Range Transmitter

FX 19 – 19 kHz 15” Long Range Transmitter



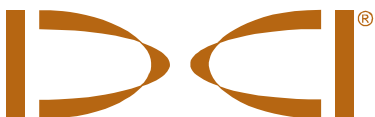
FXL – 12 kHz 19” Extended Range Transmitter



FXL 19.2 – 19.2 kHz 19” Extended Range Transmitter



FC – 12 kHz 19” Cable Transmitter



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DigiTrak® F Series Transmitters

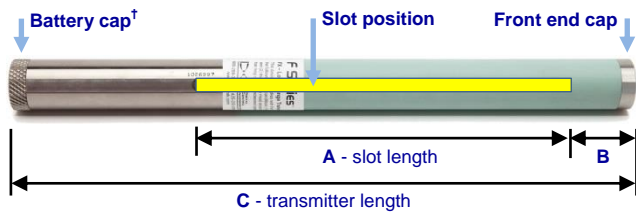
| Part No. | Model No. | Range | Freq. | Battery Life (awake/asleep) | Max. Temp. | Length x Diameter | Weight |
|-------------------|-----------|-------------------|------------------------|--|--------------------|-------------------------------------|--------------------|
| FS | FS | 15 ft (4.6 m) | 12.0 kHz | 1 AA-cell alkaline (10/100 hrs) | 180° F (82° C) | 8 x 1.00 in. (20.32 x 2.54 cm) | 8.4 oz (240 g) |
| FX 12 / FX 19 | HDT | 65 ft (19.8 m) | 12.0 kHz / 19.2 kHz | 2 C-cell alkaline (20/200 hrs) or 1 SuperCell™ (70/400 hrs) or 2 SAFT LSH14 (40/400 hrs) | 220° F (104° C) | 15 x 1.25 in. (38.1 x 3.175 cm) | 1.4 lb (635 g) |
| FXL / FXL 19.2 | FXL | 85 ft (25.9 m) | 12.0 kHz / 19.2 kHz | 1 SuperCell™ (40/300 hrs) | 220° F (104° C) | 19 x 1.25 in. (48.26 x 3.175 cm) | 1.85 lb (839 g) |
| FC | FC | 90 ft (27.4 m) | 12.0 kHz | 9–28 VDC cable power | 180° F (82° C) | 19 x 1.25 in. (48.26 x 3.175 cm) | 1.85 lb (839 g) |

*Battery-operated transmitters enter sleep mode after 15 minutes of inactivity.

Housing Requirements

DigiTrak transmitters work best with slots that are equally spaced around the circumference of the drill head for optimal signal emission and maximum battery life. The slots must be at least 1/16 in. (1.6 mm) wide. All slot measurements begin from the inside of the drill head. Position and length requirements of the slots are shown below.

Slot Position and Length Requirements



HDT transmitter shown above

† Or wire line end if a cabled transmitter.

| Part No. ↓ | A | B | C |
|------------|-----------------------|----------------------|---------------------|
| FS | 3.75 in. (9.5 cm) | 1.25 in. (3.2 cm) | 8 in. (20.2 cm) |
| HDT | 8.5 in. (21.6 cm) | 2.00 in. (5.1 cm) | 15 in. (38.1 cm) |
| FXL | 13.0 in. (33.0 cm) | 2.00 in. (5.1 cm) | 19 in. (48.3 cm) |
| FC | 9.0 in. (22.9 cm) | 2.50 in. (6.4 cm) | 19 in. (48.3 cm) |

DCI is committed to delivering the industry's best walkover locating experience. Please contact us if you need more information.