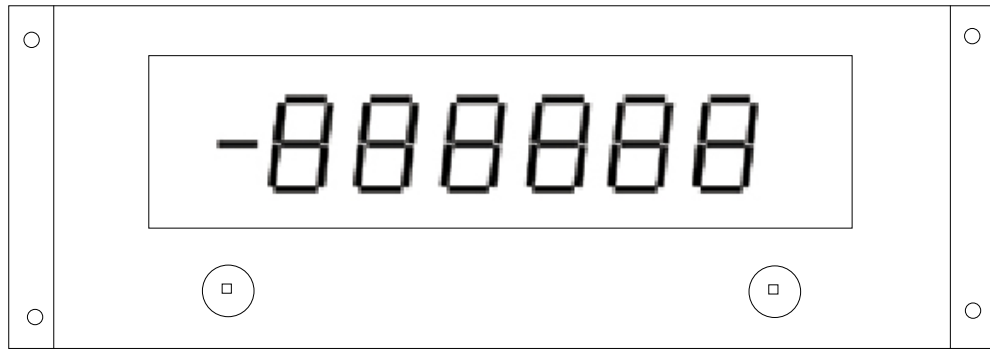


Series BDF

Large Displays for process signals



IP65 PROTECTED HOUSINGS for BDF series of Large Displays. Very strong housing and electrically protected units, designed for all type of industrial applications.

Series BDF - IP65 housings

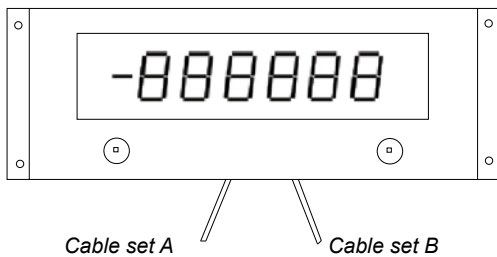
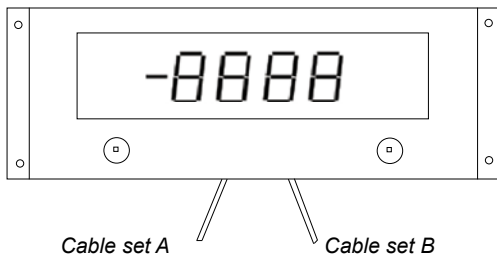
IP65 housings - connections and sizes

This documentation contains information relating the «IP65 option» for BDF instruments. As a standard, all BDF instruments are IP65 protected on the front lens. The «IP65 option» provides a full IP65 protection for the whole instrument.

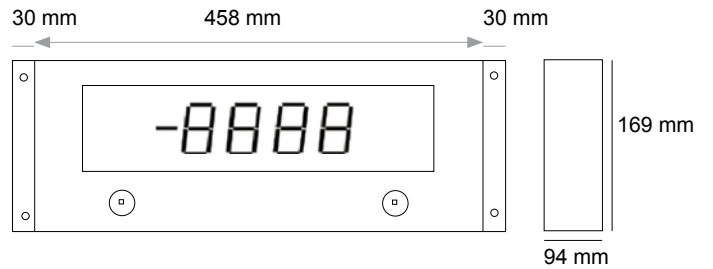
Connections shown in this documentation are related to the connections shown in the User's Manual of each different model.

Note - it is not possible to mount a IP65 housing on a standard BDF unit that was previously manufactured. The BDF unit needs to be specially manufactured for IP65 housing.

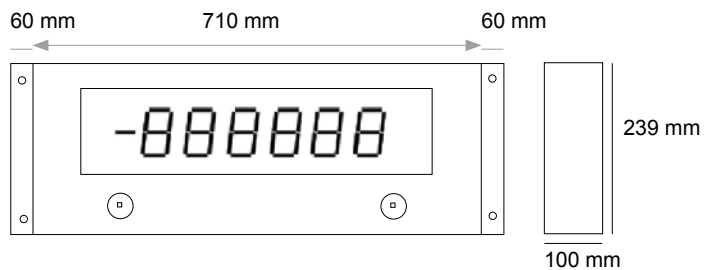
Front view



Sizes - Models 24 and 26



Sizes - Models 44 and 46



Signal connections

CABLE SET A

Models BDF-xx-32 and BDF-xx-36

Green Wire	=	A	Vexc
Red Wire	=	B	Signal +
Blue Wire	=	C	Signal -
		D	Not connected
Shielded Wire	=		Earth

Models BDF-xx-21

Green Wire	=	A	Pt100/RTD +
Red Wire	=	B	Pt100/RTD -
Blue Wire	=	C	Sense
		D	Not connected
Shielded Wire	=		Earth

Models BDF-xx-22 a BDF-xx-28

Green Wire	=	A	Thermocouple -
Red Wire	=	B	Not connected
Blue Wire	=	C	Thermocouple +
		D	Not connected
Shielded Wire	=	E	arth

Models BDF-xx-T1 a BDF-xx-T6

Blue Wire	=	A	Common
Red Wire	=	B	Vexc
Green Wire	=	C	Input1
Yellow Wire	=	D	Input2
Grey Wire	=	E	Reset
Shielded Wire	=		Earth

Models BDF-xx-TF

Blue Wire	=	A	Common
Red Wire	=	B	Vexc
Green Wire	=	C	Input1
Yellow Wire	=	D	Not connected
Grey Wire	=	E	Not connected
Shielded Wire	=		Earth

Models S

Yellow Wire	=	Pin1	Signal B
Green Wire	=	Pin2	Signal A
Blue Wire	=	Pin3	Common
		Pin4	Not connected
Shielded Wire	=		Earth

Power connections

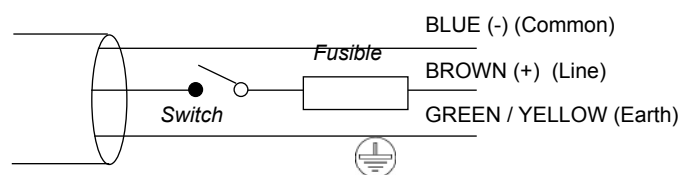
CABLE SET B

BDF units with IP65 housing do not have a mains switch in the power line, and will start operation as soon as the power supply is connected to the line.

It is recommended to install an external mains switch and a protection fuse, time-lag type, according to IEC127/2.

Standard units are 230 Vac powered, and optional power supply with 115 Vac and 24 Vdc Isolated.

Cable set B



Fuse

230 Vac	-	200 mA fuse time-lag
115 Vac	-	400 mA fuse time-lag
24 Vdc	-	350 mA fuse fast

other products



Panel Meters
Standard 96x48mm



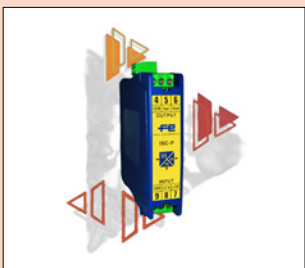
Panel Meters
Small 72x36 mm



Panel Meters
Miniature 48x24 mm



Large Displays
60 & 100 mm digit



Signal Converters
& Isolators



Panel Meters
Standard 96x48mm

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