



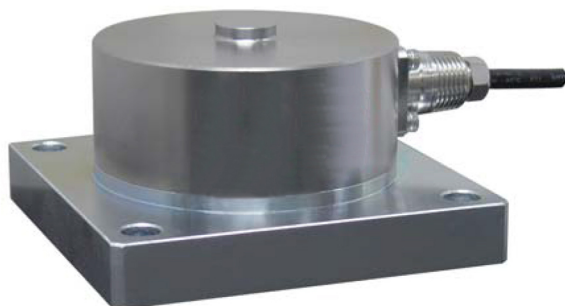
## Series FTCT15

Flameproof type

Compression Load Cell (2 ~ 15t)

- Ex d IIB T4.

- Low profile & Robust design.

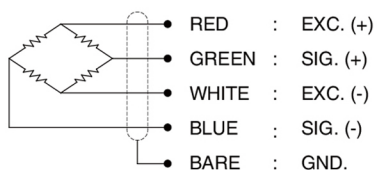


### ORDERING INFORMATION

**FTCT15 - 5T**

TYPE: FTCT15  
CAPACITY: 2, 3, 5, 10, 15 ton

### WIRING INFORMATION



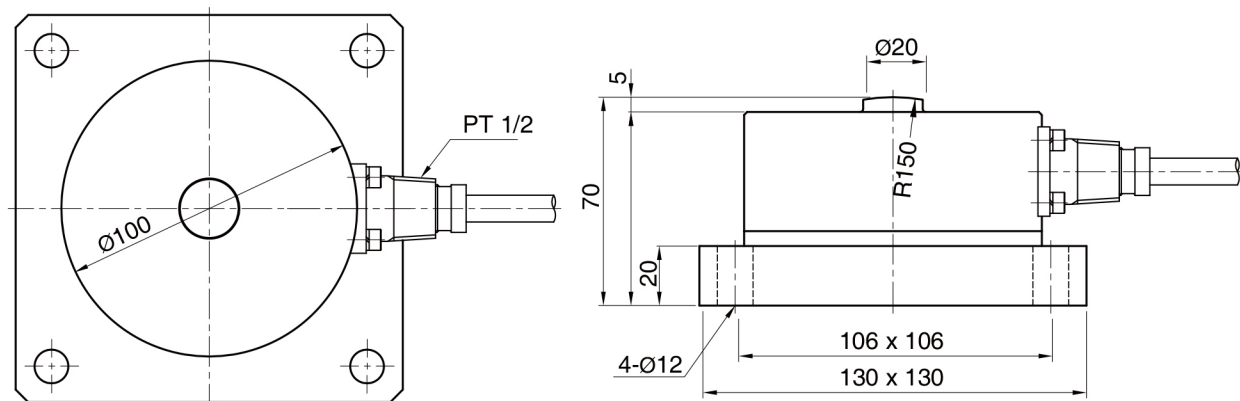
### FLAMEPROOF

**Ex d IIB T4 / KOSHA**

## SPECIFICATIONS

| TYPE                          |      | FTCT15                                |
|-------------------------------|------|---------------------------------------|
| Rated capacity (R.C.)         |      | 2, 3, 5, 10, 15 ton                   |
| Rated output (R.O.)           |      | 2.0 mV/V $\pm$ 0.005                  |
| Non-linearity                 |      | $\leq$ 0.05% R.O.                     |
| Hysteresis                    |      | $\leq$ 0.05% R.O.                     |
| Non-repeatability             |      | $\leq$ 0.03% R.O.                     |
| Creep error                   |      | $\leq$ 0.03% in 20min.                |
| Zero balance                  |      | $\leq$ 1% R.O.                        |
| Compensated temperature range |      | -10 ~ 70°C                            |
| Operating temperature range   |      | -20 ~ 80°C                            |
| Temp. effect on rated output  |      | $\leq$ 0.03% LOAD/10°C                |
| Temp. effect on zero balance  |      | $\leq$ 0.03% R.O./10°C                |
| Terminal input resistance     |      | 700 Ohms $\pm$ 10 Ohms                |
| Terminal output resistance    |      | 700 Ohms $\pm$ 10 Ohms                |
| Insulation resistance (Min.)  |      | 2000 MOhms at 50V DC                  |
| Excitation voltage            |      | 10V(Recommended), 15V(Max.)           |
| Electrical connection         |      | $\phi$ 7mmx6m(22AWG x 4Core Shielded) |
| Protection class              |      | IP 68                                 |
| Safe overload                 |      | 150% R.C                              |
| Ultimate overload             |      | 300% R.C                              |
| Safe overload                 | Body | Stainless steel                       |
|                               | Base | Zn plated steel                       |

2t ~15t



\* Specifications are subject to change without notice

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