Date: 11/04/2023

F18213350068-500Kg

F1821 Force transducer standard compression 5 kN 0.5% Fnom 1.5 ±0.15 mV/V

Item number: 83805442

Quantity: 1 pcs.

Order code: SPP-F1821-C1350D5A2K010300004XXXXXXXXXXXXXXXXXXXX
66FO5159

Overview: F18213350068-500Kg
Rate Load 500kg
Rated output 1.5±10% mV/V
Zero balance ±3% F.S.
Non-linearity 0.5% F.S.
Hysteresis 0.5% F.S.
Repeatability 0.1% F.S.
Creep (30min) 0.1% F.S.
Temp. effect on output 0.05% F.S./ 10□
Temp. effect on zero 0.05% F.S./ 10□
Input impedance 385±10Ω
Output impedance 350±5Ω
Insulation ≥5000MΩ/100VDC
Recommended excitation 5~10V
Maximum excitation 15V
Compensated temp. range - 10~60□
Operation temp. range -20~80□
Safe overload 150% F.S.
Ultimate overload 200% F.S.
Cable size Ø4x 3000 mm
Protection class IP66
Cable color code Input:Red(+) Black(-)
Output: Green(+) White(-)
: (+) (-)
(+) (-)
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Model: F1821
Force direction: compression
Rated force/Rated load: 5 kN
Relative linearity error: 0.5% Fnom
Output signal: 1.5 ±0.15 mV/V
Electrical connection: Cable output, free wires
Cable length: 3 m Ø4 mm
Ingress Protection IP: IP66
Technical data acc. to datasheet: FO51.59

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