

# Model V640-HS61

## CIDRW System CIDRW Head



2002

### NOTICE

1. Ensure safety, be absolutely sure to follow the instructions below:
  - (1) Never use the product in an environment where combustible or explosive gas is present.
  - (2) Please separate from a high-pressure equipment and the power equipment to secure the safety of the operation and maintenance.
  - (3) Please obtain the cover for former place after wiring.
  - (4) In the installation, please tighten the screw surely.
  - (5) Please do not insert foreign bodies such as water and the wires from the space of the case.
  - (6) Please do not dismantle, repair or modify this product.
  - (7) Please process as industrial waste when you abandon this product.

### 2. About installation site

Do not install the V640-HS61 in the locations subject to the following conditions.

- (1) Place where direct sunshine strikes
- (2) Place with corroded gas, dust, metallic powder, and salinity
- (3) Place with condensation due to rapid temperature fluctuations.
- (4) Place with condensation due to high humidity.
- (5) Place where vibration and impact more than being provided by specification are transmitted directly to main body.
- (6) Place with spray of water, oil, and chemical medicine.

### 3. About wiring

- (1) Before starting a wiring work or disconnecting a cable, be sure power OFF the product.
- (2) To avoid static-induced failure, wear a wrist band or equivalent means to release a static charge before touching a terminal or a signal line within a connector.

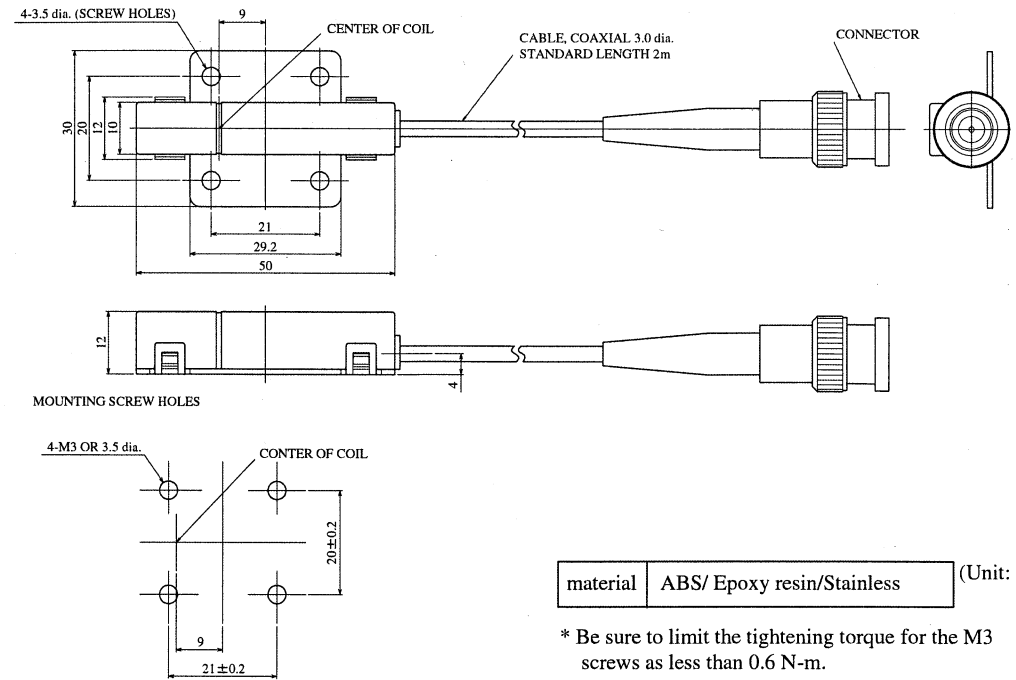
### 4. About cleaning

- (1) NEVER use an organic solvent such as thinner or benzene, as it will attack resin components or case coating.

### 5. About the communication range and time

- (1) Do the communication test with Transponder in the installation environment because the metal, noise and ambient temperature around V640-HS61 damage to the communication range and time.
- (2) Install V640-HS61 and Transponder in the appropriate distance because the communication range can change by the difference of Transponder specifications.

### Dimensions



material	ABS/ Epoxy resin/Stainless	(Unit: mm)
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\* Be sure to limit the tightening torque for the M3 screws as less than 0.6 N-m.

### General specifications

Characteristic	Specification
Protection rating	IP20 (IEC 60529)
Ambient temperature	Operating: 0 to +40 Storage: -15 to +65 (No freezing, No dew condensation)
Ambient humidity	Operating/ Storage: 35% to 85%(No freezing, No dew condensation)
Insulation resistance	20MΩ min. (100V DC for appliance)(between case and connector)
Dielectric	1000V AC (50/60Hz, for 1 min.) leak current consumption 5mA max.(between case and connector)
Vibration resistance	10 to 150Hz, 0.20mm double amplitude, acceleration 15m/s <sup>2</sup> , with 10 sweeps of 8min each in 3 directions
Shock resistance	150m/s <sup>2</sup> , 3 times each in 6 directions
Mounting system	Secured with four M3 screws.(tightening torque:less then 0.6N-m)