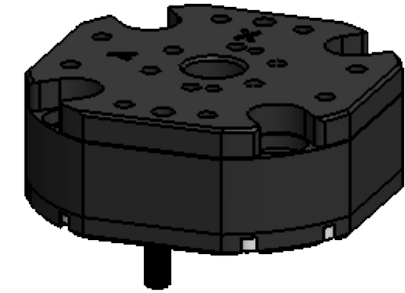
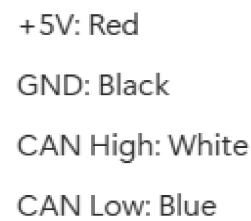


1. 외부 4개의 체결부를 통해 센서 외곽 고정(M4 볼트 사용)
2. 상단파트의 8개의 M3탭을 통해 상단(내부)고정 (체결 깊이 주의, 록타이트 사용 권장)



| Index                         | Unit          | Value                                  |
|-------------------------------|---------------|----------------------------------------|
| Operating voltage             | VDC           | 5                                      |
| Max. safe excitation voltage  | VDC           | 12                                     |
| Nominal force range (F_XYZN)  | N             | 150                                    |
| Nominal torque range (M_XYZN) | Nm            | 7.5                                    |
| Limit force (F_XYZL)          | N             | 300                                    |
| Limit torque (M_XYZL)         | Nm            | 10                                     |
| Dimensions                    | mm            | D50 x H17.7                            |
| Weight                        | g             |                                        |
| Temperature                   | °C            | 10-50                                  |
| Sample rate                   | Hz            | 1000                                   |
| Interfaces                    | 1,000Kbps     | CAN                                    |
| Wire                          | Length: 15 cm | For User:<br>CAN_H / CAN_L / VCC / GND |

| TOLERANCES UNLESS OTHERWISE SPECIFIED |             |       | NO                                                                                                                                                 | NAME       |              | SPECIFICATION |            | MATERIAL                                                                                                      | Q'TY | SET       | FINISH |
|---------------------------------------|-------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|---------------|------------|---------------------------------------------------------------------------------------------------------------|------|-----------|--------|
|                                       |             |       | 1                                                                                                                                                  |            |              |               |            |                                                                                                               | 1    | 1         |        |
| SURFACE                               | SIZE (mm)   | f     | DRAWN BY                                                                                                                                           | CHECKED BY | APPROVED BY  | CREATED       | MODIFIED   | <br>3RD ANGLE PROJECTION |      | 1:1       |        |
| ~ -                                   | 0.5 ~ 6     | ±0.05 | <br>AIDIN ROBOTICS<br>Advanced Robotics and Precision Systems |            |              | 2025-10-01    | 2025-11-11 |                                                                                                               |      | mm        |        |
| ▽ Ra 25                               | 6 ~ 30      | ±0.1  |                                                                                                                                                    |            |              |               |            |                                                                                                               |      |           |        |
| ▽ Ra 6.3                              | 30 ~ 120    | ±0.15 |                                                                                                                                                    |            |              |               |            |                                                                                                               |      |           |        |
| ▽ Ra 1.6                              | 120 ~ 400   | ±0.2  |                                                                                                                                                    |            |              |               |            |                                                                                                               |      |           |        |
| ▽ Ra 0.2                              | 400 ~ 1000  | ±0.3  | PROJECT NAME                                                                                                                                       |            | AFT150-D50-C |               |            |                                                                                                               |      |           |        |
| ▽ Ra 0.2                              | 1000 ~ 2000 | ±0.5  |                                                                                                                                                    |            |              |               |            |                                                                                                               |      | UNIT NAME |        |
| ▽ Ra 0.2                              | 2000 ~      | -     |                                                                                                                                                    |            |              |               |            |                                                                                                               |      |           |        |