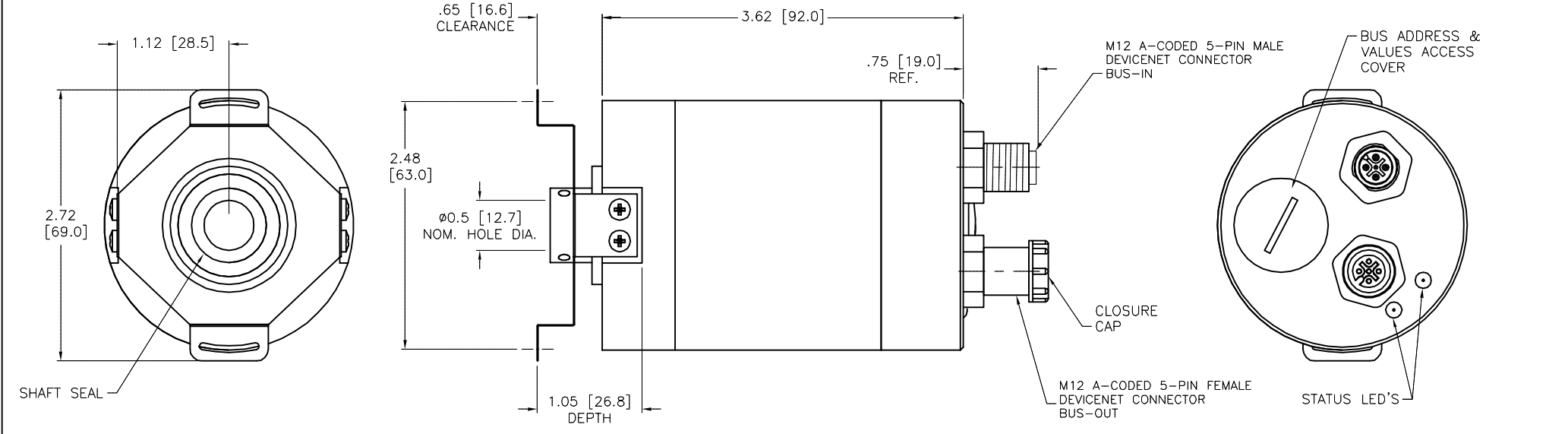


| SPECIFICATIONS                              |  |
|---|--|
| INTERFACE                                   | DEVICENET (DEVICE TYPE 22 <sub>HEX</sub> ) |
| NODE ADDRESS                                | PROGRAMMABLE FROM 0 TO 63                  |
| DATA TRANSFER RATE                          | 125/250/500 Kbits/S                        |
| RESOLUTION                                  | 16 BIT SINGLE TURN BY 12 BIT MULTI-TURN    |
| POWER SUPPLY                                | 11 TO 25 VDC                               |
| POWER CONSUMPTION                           | 50 mA @ 24VDC TYPICAL                      |
| LED-NETWORK STATUS                          | GREEN/RED                                  |
| LED-MODULE STATUS                           | GREEN/RED                                  |
| PROTECTION                                  | IP67                                       |
| SHOCK                                       | 50G's FOR 11mSEC                           |
| VIBRATION                                   | 20G, 5 TO 2,000 HERTZ                      |
| OPERATING TEMPERATURE                       | -40°C to +85°C (-40°F to +185°F)           |
| HOUSING MATERIAL                            | POWDER COATED ALUMINUM                     |
| SHAFT SEAL MATERIAL                         | NITRILE                                    |
| SPEED                                       | 6000 RPM                                   |
| STARTING TORQUE                             | 1.2 OZ-IN [.85 N-cm] @25°C (77°F)          |
| MOMENT OF INERTIA (OZ-IN-SEC <sup>2</sup> ) | 6.00x10 <sup>-4</sup> @25°C (77°F)         |



NOTE:

1. THE NODE ADDRESS AND BAUDRATE CAN BE SET USING THE ROTARY/DIP SWITCHES LOCATED UNDER THE DEVICE COVER OR THROUGH SOFTWARE NODE COMMISSIONING.
2. BUS TERMINATION INCLUDED. CAN BE SWITCHED ON/OFF USING A DIP SWITCH UNDER THE COVER.

**SOURCE DRAWING - FOR REFERENCE ONLY**

|                                |                 |   |          |  |               |  |              |
|--------------------------------|-----------------|---|----------|--|---------------|--|--------------|
| RELATED DOCUMENTS              |                 | 3RD ANGLE PROJECTION  |          | THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. |               | <b>TURCK INC</b><br>High Technology Sensors and Automation Controls<br>3000 CAMPUS DRIVE<br>MINNEAPOLIS, MN 55441<br>1-800-544-7769<br>(763) 553-7300<br>(763) 553-0708 fax<br>turck.com |              |
| 1.<br>2.<br>3.<br>4.           |                 |   |          | DRFT RDS      DATE 07/24/14<br>APVD K.H.      SCALE 1=1.5  |               | DESCRIPTION<br>RM-90BA3E-9B28B-B2M12   |              |
| MATERIAL<br>SEE SPECIFICATIONS |                 | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY |          | UNIT OF MEASUREMENT<br><b>INCH [ MILLIMETER ]</b>  |               | IDENTIFICATION NO.<br>1562105 (SOURCE)   |              |
| FINISH<br>SEE SPECIFICATIONS   |                 | CONTACT TURCK FOR MORE INFORMATION                              |          | DO NOT SCALE THIS DRAWING  |               | REV<br>A   |              |
| A                              | DRAWING RELEASE | RDS   | 07/24/14 |  |               |  |              |
| REV                            | DESCRIPTION     | BY  | DATE     | ECO NO.  | FILE: 1562105 |  | SHEET 1 OF 1 |