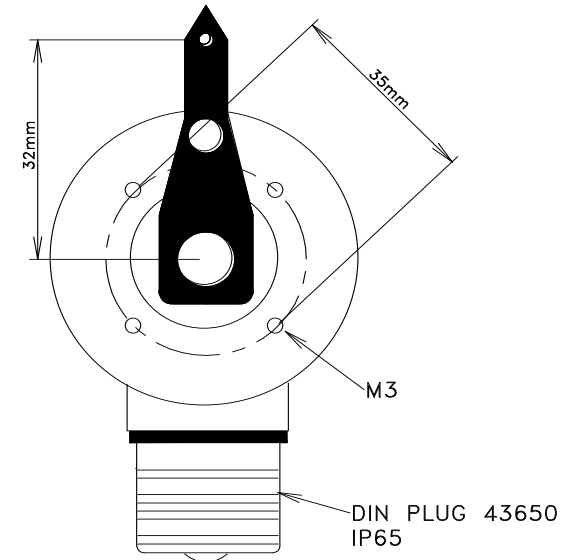
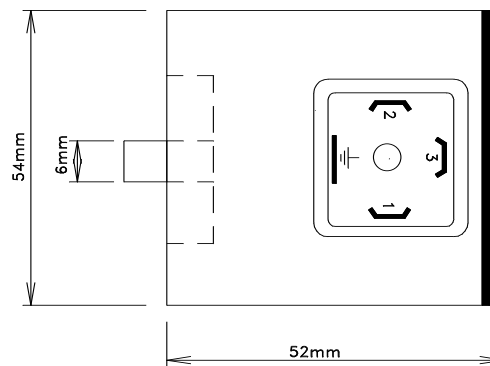
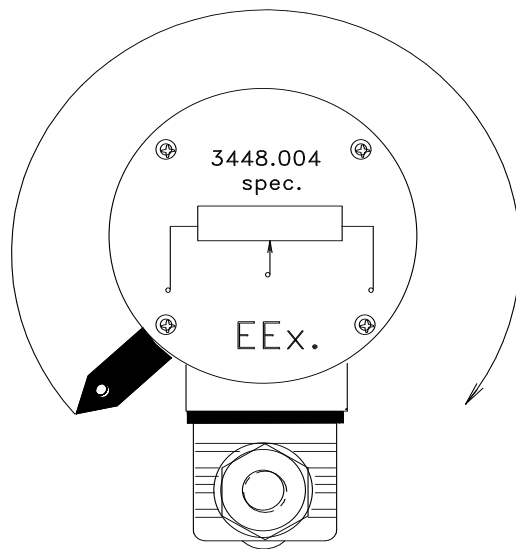


# ABSOLUT ANGLE POSITION SENSOR TYPE ME8909Ex



- \* Absolut angle position sensor/ transmitter ME8909-R/L is designed specially for use in refrigeration compressors to detect position of capacity or volume pistons.
- \* The sensor is a conductiv plast potentiometer with endless lifetime (min. 50.000.000 cycles).
- \* The sensor house is aluminium for best possible EMC characteristics. PCB + sensor is sealed/potted in a PUR compound.
- \* The sensor type is Conductive plastic with a resistance on 5Kohm.
- \* The life cycles is min. 50.000.000 rotations.

Note:  
Change of measuring direction  
from right to left, exchange wire 51 & 54.  
(VMY Compressors is left type)

Ex APPROVAL acc. to PReTrans type 5116B:

ATEX, cULus LISTED, FM APPROVED

## SPECIFICATIONS:

Power rating:..... Max 1W.  
Measuring angle:..... 0-340°grd.  
Mechanical rotation:..... 360grd. continuous.  
Output:..... Ohmic, 5Kohm, +/-20%.  
Resolution:..... Endless.  
Linearity:..... Better than +/-1% FS.  
Temp. range:..... -20 to +85degr.C.

