

## GK-EMC SERIES

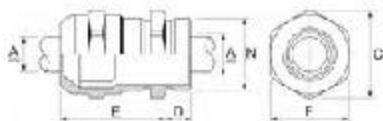
**Metal IP68 EMC Long Thread Gland for Screened Cables (less Locknut)**

### APPLICATIONS:

**Glanding** For watertight glanding of screened circular cables.  
**VSD** Used for glanding copper braided screened VSD cables at both input (power source to variable speed drive) and output (variable speed drive to motor) ends for VSD applications.

### PRODUCT FEATURES:

- ▶ Halogen free
- ▶ Silicone free
- ▶ Phosphorous free
- ▶ Cadmium free
- ▶ Self extinguishing



### CONSTRUCTION:

**Material** Bright nickel plated extruded brass gland body and compression head (Brass BS EN 50262 1999 / Brass extrusion BS 2874 C21213Pb).

**Seal** PCP (Neoprene) rubber.

**O-Ring** PCP (Neoprene) rubber.

**Insert** Polyamide 6 traction relief clamping insert.

### CHARACTERISTICS:

**Operating Temperature Range** -40°C to 80°C. Up to 100°C for short periods.

**Protection Class** Water rating IP68. Pressure rating 5 bar.

### INSTALLATION:

- ▶ Remove plastic insert from base of gland
- ▶ Trim screen to approximately 30% density and partially fold screen back up over the insert
- ▶ Push insert back into base of gland so the screen will contact the lip at the base of the gland for earthing
- ▶ To establish an electrically conductive connection to bare or painted metal surfaces or enclosures - use an LNECM LOCKNUT which has cutting teeth to bite into the metal

| Code    | Entry Thread (mm) | Thread Length (mm) D | Cable Size Min - Max (mm) A | Hexagonal Across Flats (mm) F | Hexagonal Circumference (mm) C | Assembled Length (mm) E |
|---------|-------------------|----------------------|-----------------------------|-------------------------------|--------------------------------|-------------------------|
| GK16EMC | M16 x 1.5         | 10.0                 | 6.0 - 9.0                   | 17.0                          | 19.0                           | 20.0                    |
| GK20EMC | M20 x 1.5         | 10.0                 | 8.0 - 12.0                  | 22.0                          | 24.5                           | 22.0                    |
| GK25EMC | M25 x 1.5         | 10.0                 | 11.0 - 17.0                 | 27.0                          | 30.0                           | 24.0                    |
| GK32EMC | M32 x 1.5         | 13.0                 | 16.0 - 21.0                 | 34.0                          | 38.0                           | 28.0                    |
| GK40EMC | M40 x 1.5         | 13.0                 | 19.0 - 28.0                 | 43.0                          | 48.0                           | 30.0                    |
| GK50EMC | M50 x 1.5         | 14.0                 | 26.0 - 35.0                 | 55.0                          | 61.5                           | 32.0                    |
| GK63EMC | M63 x 1.5         | 14.0                 | 32.0 - 47.0                 | 68.0                          | 75.4                           | 34.0                    |