

Title: KINETROL SENSOR COMPARISON CHART

The following chart is a guide to alternative sensors which may be fitted to Kinetrol Limit Switch Boxes (ULS or XLS). If a specific manufacture is required please check with Kinetrol prior to ordering.

| | Sensor Type 001 | | Sensor Type 006 00E | | Sensor Type N | |
|-----------------------|--------------------|----------------------|--------------------------|---------------|---------------------|---------------|
| | P & F NJ2-V3-N | IFM NS5002 | P & F NBB3-V3-Z4 | IFM IS0003 | P & F NBB2-V3-E2 | IFM IS5075 |
| Nominal Voltage (VDC) | Namur (8.2) | Namur (8.2) | - | - | - | - |
| Voltage Range (VDC) | - | 7.5 – 30 non ATEX | 5 – 60 | 10 – 140 | 10 – 30 | 10 – 36 |
| Voltage Range (VAC) | - | - | - | 20 - 140 | - | - |
| Ambient Temp (°C) | -25 to 100 | -20 to 80 | -25 to 85 | -25 to 80 | -25 to 70 | -25 to 80 |
| Output Function * | NC | NC | NO | NO | NO | NO |
| FM/UL Approved | YES | YES | YES | YES | YES | NO |
| CSA Approved | YES | YES | YES | YES | YES | NO |
| ATEX Approved ULS | CAT1 | CAT1 | - | - | - | - |
| Current Disabled (mA) | < 1 | < 1 | < 1 | < 0.8 | < 0.5 | - |
| Current Enabled (mA) | > 3 | > 2.1 | 4 - 100 | 5 - 200 | 0 - 100 | 200 max |
| Switch Frequency (Hz) | 0 - 1000 | 0 - 800 | 0 - 2000 | 25 | 1000 | 1800 |
| Body Material | PBT | PBT | PBT | PBT | PBT | PBT |

* Output Function: NO = Normally open
NC = Normally closed