

# Starpoint 21RM Reel Mechanism

## Product Summary

### Description

The 21RM is a modular Reel Mechanism benefiting from mechanical connection being achieved in one single action, & electrical connection through a flying lead loom direct to the host machine, simplifying both manufacturing and servicing. The reel modules can be assembled onto base mouldings that latch together to give standard reel pitch or individually for feature reels. The 21RM is available with standard reel widths of either 66mm or 79.5mm and is also available with the 66mm wide 150mm diameter reel. It is electrically compatible to the well-proven 17RM/20RM series of Reel Mechanisms.

### Electrical Outline

The 21RM is available with a 48-step 12vdc motor. Connection to the unit is made with a 15-way Molex connector. A photo optic detector provides positional information of the reel drum and reel band symbols. The mechanism is available with 3 lamps for rear illumination of the reel band symbols. The lamps are available with an optional integral diode in circuit, to allow for matrix connection and wire harness savings, (request the matrix information sheet for more data).

### Mechanical Outline

Dimensional information is shown on the reverse of this sheet. Insertion and removal of the reel unit is carried out by the unique patented combined handle and latch fitting system, which offers the simplest and most reliable way of mounting. The lamp array can be adjusted through 360°. Base fixing details are shown on the reverse of this sheet. Fixing of the reel band onto the drum is by plastic rivets or double-sided tape.

### Sample Ordering

When requesting samples a brief specification is required which identifies the basic options.

<b>Motor Type</b>	48 step 12vdc				
<b>Reel Drum Width</b>	66mm	79.5mm	66mm - 150Ø		
<b>Lamp Array Angle</b>	+ 0° to + 180°		- 0° to - 180°		
<b>No. of Symbols</b>	12	16	20	24	25
<b>Are integral diode required with the lamps?</b>					

If you require a sample please fax Starpoint on +44 (0)20 8391 7760 with your required options from the above and intended application. The sample will be sent complete with Technical Information giving applications information and details of how to specify your exact product requirement in the future.

# Starpoint 21RM Reel Mechanism Dimensional Information

## 21RM DIMENSIONAL INFORMATION

A	B	C	D	E	F
150	66	52.25	88	176	264
229.5	66	52.25	88	176	264
229.5	79.5	59	101.5	203	304.5

