

# Definition

## Magnet Plate

① ② ③ ④  
**LMU (010/020/030/040/050) - MP 90 R**

- ① **Series**  
**LMF** Flat-type Linear Motor (Ironcore)  
**LMU** U-type Linear Motor (Ironless)

- ② **Height**  
**010** 51.9mm  
**020** 58.5mm  
**030** 83.4mm  
**040** 115.3mm  
**050** 157mm

- ③ **Length**  
**xx** Magnet Plate Length

- ④ **Hall Options**  
**R** Thermistor, Hall  
**S** Thermal switch, Hall  
**Blank** No Hall-effect device

## Coil Plate

① ② ③ ④ ⑤ ⑥  
**LMU(010/020/030/040/050) - CP 193 A R C**

- ① **Series**  
**LMF** Flat-type Linear Motor (Ironcore)  
**LMU** U-type Linear Motor (Ironless)

- ② **Height**  
**010** 51.9mm  
**020** 58.5mm  
**030** 83.4mm  
**040** 115.3mm  
**050** 157mm

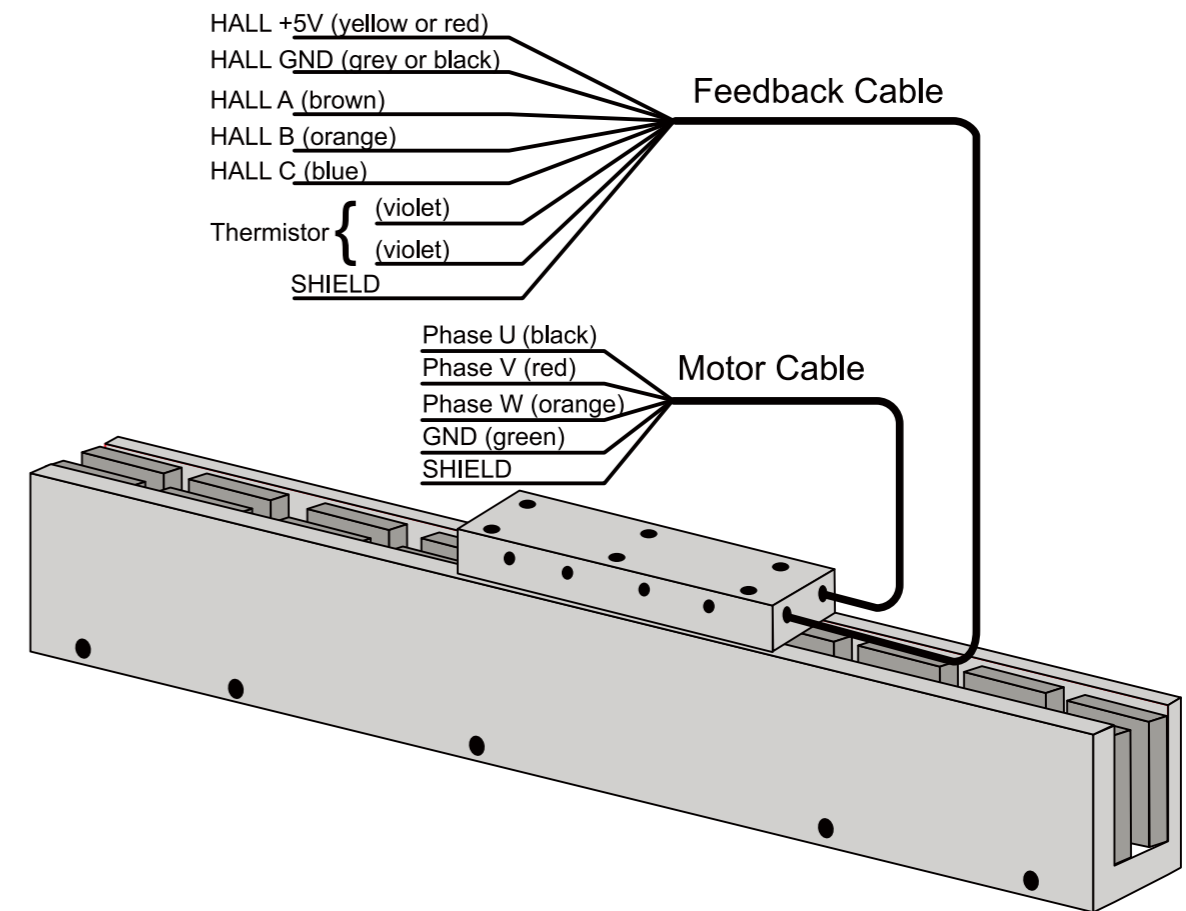
- ③ **Length**  
**xx** Coil Plate Length

- ④ **Winding Options**  
**A** Series  
**B** Parallel  
**C** Four Parallel

- ⑤ **Hall Options**  
**R** Thermistor, Hall  
**S** Thermal switch, Hall  
**Blank** No Hall-effect device

- ⑥ **Cooling Options**  
**C** Air Cooling  
**Blank** No Cooling

## Motor Wiring



**Cable Diameter and Wire Gauge**

Motor	Motor		Feedback	
	Cable Diameter	Wire Gauge	Cable Diameter	Wire Gauge
	mm	AWG[mm <sup>2</sup> ]	mm	AWG[mm <sup>2</sup> ]
LMU010,LMU020,LMU030	4.5	22 [0.30]	5	26 [0.12]
LMU040	8.2	16 [1.31]	5	26 [0.12]
LMU050	10.4	14 [2.08]	5	26 [0.12]