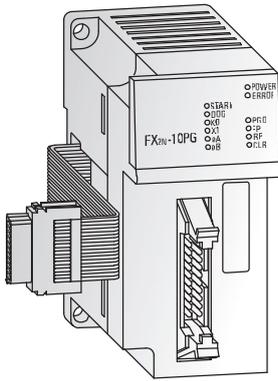


## ■ Single-axis positioning modules

FX3S  FX3G  FX3GC  FX3GE  FX3U  FX3UC



### FX3U-1PG, FX2N-10PG

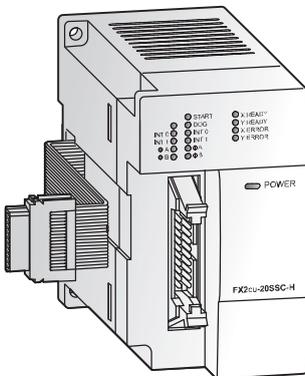
The positioning modules FX3U-1PG and FX2N-10PG are extremely efficient single-axis positioning modules for controlling either step drives or servo drives (by external regulator) with a pulse chain. They are very suitable for achieving accurate positioning in combination

with the MELSEC FX series. The configuration and allocation of the position data are carried out directly via the PLC program. A very wide range of manual and automatic functions are available to the user.

Specifications	FX3U-1PG	FX2N-10PG
Accessible axes	1	1
Output frequency	Impulse/s 10–200 000	1–1 000 000
Signal level for digital inputs	24 V DC/40 mA	5 V DC/100 mA; 24 V DC/70 mA
Power supply	5 V DC 150 mA (from base unit) 24 V DC —	120 mA (from base unit) —
Related I/O points	8	8
Weight	kg 0.3	0.2
Dimensions (WxHxD)	mm 43x90x87	43x90x87
<b>Order information</b>	Art. no. 259298	140113

## ■ Positioning module for SSCNET

FX3S  FX3G  FX3GC  FX3GE  FX3U  FX3UC



### SSCNETIII-Modul FX3U-20SSC-H

The SSCNET module FX3U-20SSC-H can be used in combination with a FX3U or FX3UC programmable controller to achieve a cost effective solution for high precision, high speed positioning. The plug-and-play fiber optic SSCNET cabling reduces setup time and increases control distance for positioning operations in a wide range of applications.

Servo parameters and positioning information for the FX3U-20SSC-H are easily set up with an FX3U/FX3UC base unit and a personal computer. For parameter setting, monitoring and testing the easy programming software FX Configurator-FP is available.

Specifications	FX3U-20SSC-H
Accessible axes	2 (independent or interpolation)
Output frequency	1 Hz to 50 MHz
Pulse output format	SSCNETIII (servo bus)
Communications speed	50 Mbps
Starting time	ms 1.6 (+1.7 SSCNET cycle time)
Max. to PLC connectable modules	Up to 8 can be connected to the FX3U PLC
Status displays	Power, module status, axis status, error
Power supply	5 V DC 100 mA 24 V DC —
Related I/O points	8
Weight	kg 0.3
Dimensions (WxHxD)	mm 55x90x87
<b>Order information</b>	Art. no. 168914

**Note:**

The FX3U-20SSC-H can be used in combination with a FX3U or FX3UC base unit only. Please refer to the Mitsubishi Electric MELSERVO catalog for suitable servo motors and amplifiers.