

ID machine SCD-M15B



SCD-M15B

This SCD-M15B series machine can make the hybrid harnesses which consist of shielded wires and discrete wires that effectively reduce the crosstalk or electromagnetic interference inside of the electronic equipment.

Specifications

Power source	200V AC, 3-phase, 2.5 kVA				
Air pressure	600 to 650kPa [6 to 6.5 kgf/sq.cm]				
Air consumption	Approx. 600 N l (5 cycles/ minute)				
Weight	Approx. 1,750kg (3,863lb)				
Type of harness	Double-ended harness				
Length of harness	100 to 1,300mm				
Wire length accuracy	± [2mm+preset length×0.003]				
Processing capacity	280 cycles/hour [when L=400mm]				
Applicable ID connectors (Note 1)	JST's 1.5mm pitch CZ, 2.0mm pitch and 2.5mm pitch connectors				
Applicable wire (Note 2)	Connector pitch	Discrete wire		Shielded wire	
		UL No.	AWG #	UL No.	AWG #
	1.5mm CZ	10272	26	1571	28
		1571	28, 26	2791 (Note 3)	28, 26
2.0mm	1061	1691		26	
	2.5mm	1007	26		2791 (Note 4)
Applicable wire bobbin		JIS C 3201 P-30 bobbin			

Note 1. Contact JST for details.

2. • Contact JST for details. Minor changes may be required depending on the type of shielded wires or the processing arrangement.
- Contact JST for other wires than the ones shown here.
3. UL2791 specially designed shielded wires with 3 conductors or less.
4. UL2791 specially designed shielded wires with 2 conductors or less.

Number of harnesses to be processed simultaneously

1.5mm pitch	Number of circuits		Number of harnesses
	2.0mm pitch	2.5mm pitch	
2 to 5	2 to 4	2 to 3	5
6, 7	5	4	4
8 to 10	6, 7	5, 6	3
11 to 16	8 to 12	7 to 10	2
17 or more	13 or more	11 or more	1

