

C4M Multifunction Safety Control Module

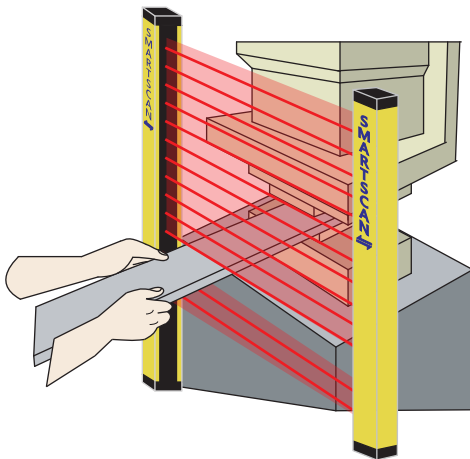
In addition to wiring, C4-1XX and C4-2XX the series can also be paired with the C4M multi-functional safety control module to enable floating blanking and fixed blanking functions. The functions of safety light curtains, floating blanking and fixed blanking can be easily switched with a key, making the processing method safer and more convenient.



General specifications

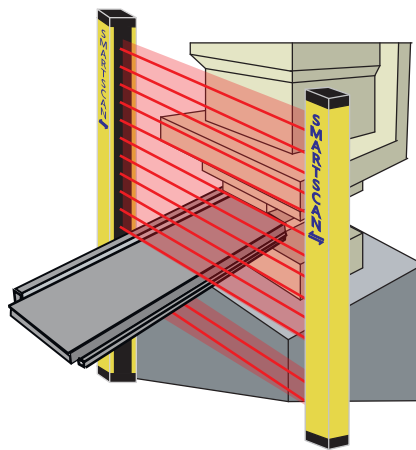
Model No.	C4M-B1	C4M-B2	C4M-F
Used Light curtains No.	1 Set	1 Set	1 Set
Power supply	AC 110V /AC 220V		
Output Voltage	DC 24V		
Signal Input	PNP signal*2		
Safety relay output	Safety RELAY Dry Contact, 2A/2B/1A1B		
Reaction time	20 ms		
Mute	One keys control a set of bypass		
Floating blanking	Key Control Enabled or Disable		
	1 Beam floating blanking	2 adjacent beam floating blanking	1 Beam floating blanking
Fixed blanking	NO such function	NO such function	Key Control Enabled or Disable
inching function	NO	NO	Yes
Coating	175mm*80mm*272mm Yellow Anodizing		

※ For Machine Selection please contact with Smartscan TW.



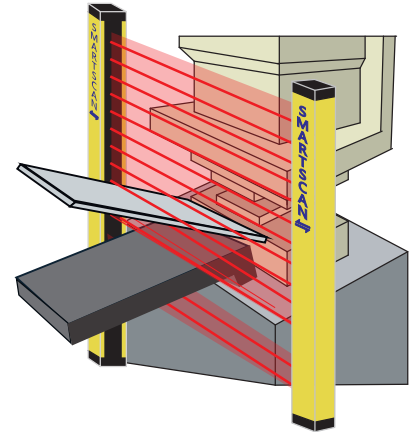
Floating blanking (Matching C4M-B1 or B2)

Normally, a safety light curtains will output E-stop signal to halt the press operation if an optical axis is blocked. However, this function requires multi-axis light to be blocked before outputting a stop signal. This feature is highly effective in resolving issues when there are moving obstacles within the monitored area.



Beam floating blanking (Matching C4M-F)

Because still shelter (peripheral devices or material), optical axis caused blackout curtains, therefore by invalidating the setting of the disable a device blackout curtains using Beam floating blanking (Fixed blanking), stamping operations can be carried out without compromising safety.



Beam floating blanking + floating blanking (Matching C4M-F)

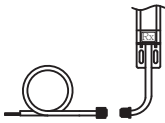
The Beam floating blanking and the Two-axis Light-blocking (Floating Shield) function can be used in combination equipment.

Accessories

C4 Series Connection Cable(ODC 14mm・24mm)

Connecting Cable Types

M12 Connector Communication Cable



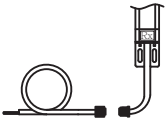
C4 Series-M12 Connection Cable

Cable model	M12 connector cable length	Cable model	M12 connector cable length
C4-S3M-180-RX	C4 series cable 3M(RX)	C4-S3M-180-TX	C4 series cable 3M(TX)
C4-S5M-180-RX	C4 series cable 5M(RX)	C4-S5M-180-TX	C4 series cable 5M(TX)
C4-S10M-180-RX	C4 series cable 10M(RX)	C4-S10M-180-TX	C4 series cable 10M(TX)
C4-S20M-180-RX	C4 series cable 20M(RX)	C4-S20M-180-TX	C4 series cable 20M(TX)

C4A 、C4B Series Connection Cable

Connecting Cable Types

M12 Connector Communication Cable



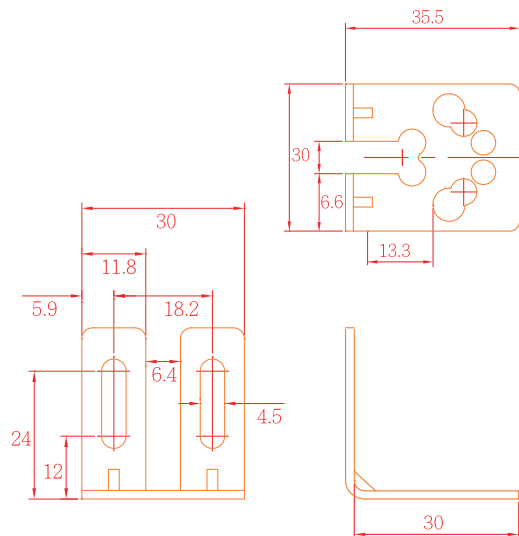
C4 Series-M12 Connection Cable

Cable model	M12 connector cable length	Cable model	M12 connector cable length
C4-3M-180-RX	C4 Series cable 3M(RX)	C4-3M-180-TX	C4 Series cable 3M(TX)
C4-5M-180-RX	C4 Series cable 5M(RX)	C4-5M-180-TX	C4 Series cable 5M(TX)
C4-10M-180-RX	C4 Series cable 10M(RX)	C4-10M-180-TX	C4 Series cable 10M(TX)
C4-20M-180-RX	C4 Series cable 20M(RX)	C4-20M-180-TX	C4 Series cable 20M(TX)

► Other accessory for punch press, please contact with Smartscan TW.

Standard Mounting Bracket

(For C4A, C4B models)



(For models of ODC 14mm, 24mm)

