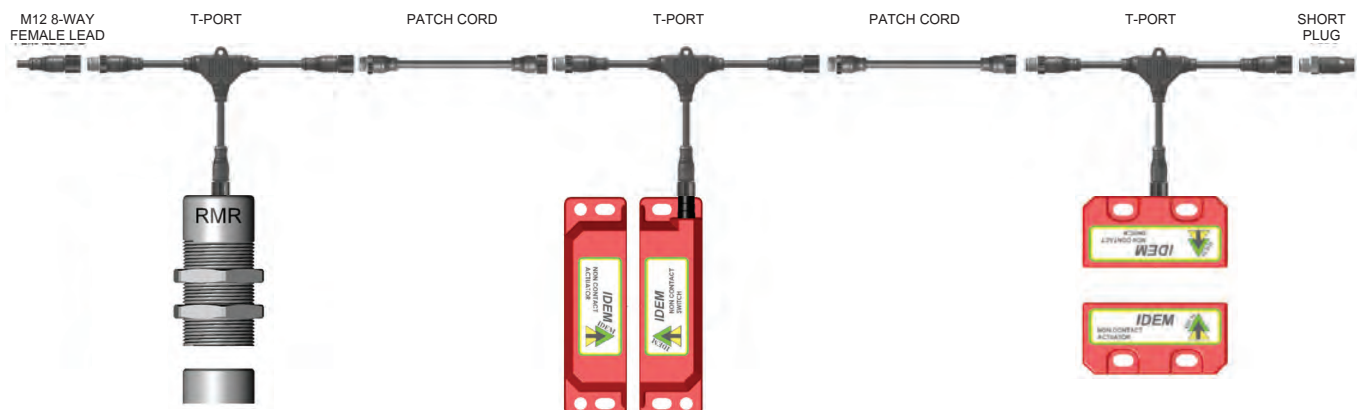


'T' Port Connectivity Non-Contact Magnetic Switches

PLUGGABLE SYSTEM M12 8-WAY CONNECTORS FOR MAGNETIC NON CONTACT SWITCHES:



EXAMPLE:

Three Non Contact Switches connected in series to give dual circuit safety outputs to machine contactors.

System Parts:

- 3 x Non Contact Switches (Coded or Magnetic) with M12 Flying Lead Connectors
- 2 x Patch Cord (either 2m, 5m or 10m)
- 3 x T Port
- 1 x End Short Plug
- 12 Female Lead

SUITABLE FOR THE FOLLOWING SWITCHES:

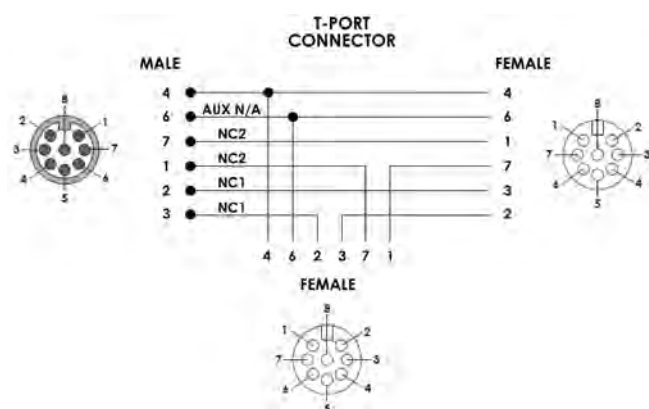
Plastic Housings:

MPR, SPR, LPR, CPR, WPR, RPR, BPR

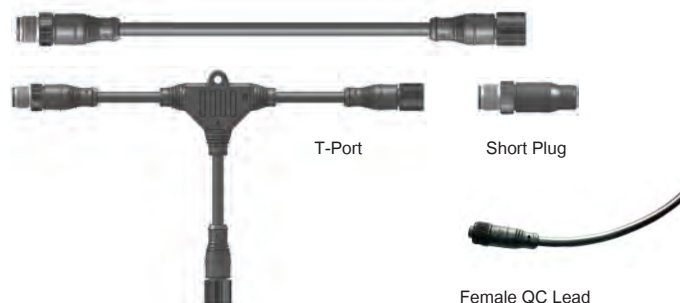
Stainless Steel 316 Housings:

SMR, CMR, LMR, WMR, SMR-F, CMR-F, RMR, BMR, SMR-H, MMR-H

Quick Connect QC M12 8 Way Male Plug Pin view from Switch	Circuit (Actuator Present)
4	NO
6	NO
7	NC2
1	NC2
2	NC1
3	NC1



Patch Cord: Available in 2m, 5m or 10m lengths



Sales Number	Description
140101	M12 8 Way Female QC Lead 5m
140102	M12 8 Way Female QC Lead 10m
140201	Patch Cord M12 Male to Female 2m
140202	Patch Cord M12 Male to Female 5m
140203	Patch Cord M12 Male to Female 10m
140208	T Port for Magnetic Non Contact Switches
140209	Short Plug for Magnetic Non Contact Switches

8-Pin M12 Connection Box for Magnetic Non Contact

FEATURES:



FOR USE WITH 8 PIN M12 MAGNETIC NON CONTACT SWITCHES

Connect up to 8 switches in series to one safety controller.

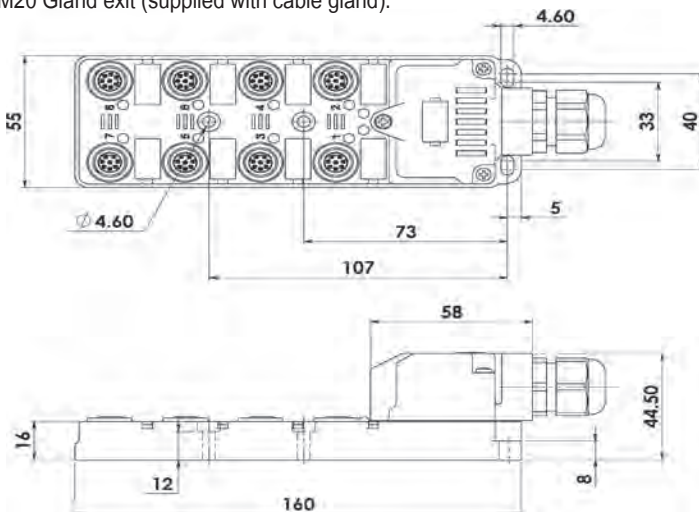
Configured for dual circuit to a safety controller.

LED status of circuits

Unused ports can be plugged.

Screw clamp terminals.

M20 Gland exit (supplied with cable gland).



SPECIFICATIONS:

General Specifications:

Switch connection type: 8 x 8 Pin M12 Female sockets
 Ambient temperature: -20C. to 40C
 Supply Voltage: 24V.dc (+/- 10%)
 Maximum current: 500mA
 Body Material: Polyester
 Terminals: Screw type – clamp 16-28AWG conductors
 Cable exit: M20 cable gland (connector options available)
 Mounting: 4 x M4 bolts

LEDs:

LED 1-8 (Red): Auxiliary indication of switch open

For use with switches with the following pin out:

Quick Connect QC M12 8 Way Male Plug	Standard Lead Colour	Circuit (Actuator Present)
4	Yellow	NO
6	Green	NO
7	Black	NC2
1	White	NC2
2	Red	NC1
3	Blue	NC1

SCREW TERMINAL VERSION (M20 Gland Exit)

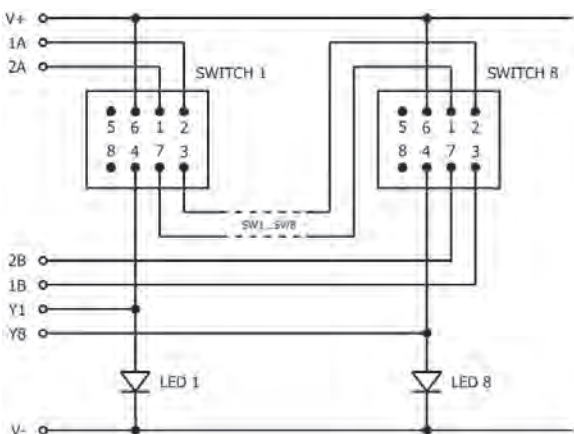
Terminal	Connection
Y1	Auxiliary out +24V.dc Switch 1 open RED LED 1 on
Y2	Auxiliary out +24V.dc Switch 2 open RED LED 2 on
Y3	Auxiliary out +24V.dc Switch 3 open RED LED 3 on
Y4	Auxiliary out +24V.dc Switch 4 open RED LED 4 on
Y5	Auxiliary out +24V.dc Switch 5 open RED LED 5 on
Y6	Auxiliary out +24V.dc Switch 6 open RED LED 6 on
Y7	Auxiliary out +24V.dc Switch 7 open RED LED 7 on
Y8	Auxiliary out +24V.dc Switch 8 open RED LED 8 on
2A	NC 2 Closed when all switches are closed
2B	NC 2 Closed when all switches are closed
1A	NC 1 Closed when all switches are closed
1B	NC 1 Closed when all switches are closed
V +	Supply +24Vdc
V -	Supply 0Vdc

M12 CONNECTOR VERSION

Quick Connect M12 8 Way Male Plug on 250mm (10") Flying Lead	Pin view from Block
5	Auxiliary +24Vdc Out when any switch is open
4	NC 2 Closed when all switches are closed
6	NC 2 Closed when all switches are closed
7	NC 1 Closed when all switches are closed
1	NC 1 Closed when all switches are closed
2	Supply +24Vdc
3	Supply 0Vdc
8	Not in use

PRE-WIRED VERSION (5m cable length)

Terminal	PVC Cable 9mm diameter	Conductor
Y1	Auxiliary Out +24Vdc Switch 1 Open	Pink
Y2	Auxiliary Out +24Vdc Switch 2 Open	Brown/Green
Y3	Auxiliary Out +24Vdc Switch 3 Open	White/Green
Y4	Auxiliary Out +24Vdc Switch 4 Open	Grey
Y5	Auxiliary Out +24Vdc Switch 5 Open	Red/Blue
Y6	Auxiliary Out +24Vdc Switch 6 Open	Brown
Y7	Auxiliary Out +24Vdc Switch 7 Open	Violet
Y8	Auxiliary Out +24Vdc Switch 8 Open	Grey/Pink
2A	NC2 Closed when all switches closed	Black
2B	NC2 Closed when all switches closed	White
1A	NC1 Closed when all switches closed	Yellow
1B	NC1 Closed when all switches closed	Green
V +	Supply +24Vdc	Red
V -	Supply 0Vdc	Blue



ORDERING:



Sales Number	Accessories and Description
140201	Patch Cord M12 Male to Female 2m
140202	Patch Cord M12 Male to Female 5m
140203	Patch Cord M12 Male to Female 10m
140209	Short Plug for Magnetic Non Contact Switches

Sales Number	MAGNETIC NON CONTACT SWITCHES CONNECTION BOX
140213	Connection Box (Magnetic Non-Contact Switches) – Screw terminal
140214	Connection Box (Magnetic Non-Contact Switches) – M12 8 way Male
140215	Connection Box (Magnetic Non-Contact Switches) – pre-wired 14 core (5m)