

Control Connections

The Bowler range are available in both pre-set and non pre-set versions. Both Pre-set and non pre-set versions have a 1.5 metre flying lead terminating in ferrules.

The continuous rotation version has an 18 way & a 9 way connector on the base of the unit and a 1.5 metre flying lead terminating in ferrules on the head section.

The connectors must be assembled correctly to ensure that there is no water ingress through the connectors. This is very important as this can cause extreme problems within the pan and tilt unit.

Connections For a DC head with braking

Flying Lead

Function		Colour
Tilt Up	+ve	slate
Tilt Down	return	violet
Tilt Brake	+ve	pink
Tilt Brake	return	red/blue
Tilt pot wiper		white/green
Pan pot wiper		green

Flying Lead

Function		Colour
Pan Right	+ve	blue
Pan Left	return	red
Pan Brake	+ve	yellow
Pan Brake	return	white
Pot Supply	0ve	brown
Pot Supply	+ve	black

In common with all modern pan & tilt heads employing regenerative braking it is **ESSENTIAL** that the polarity of the braking circuits are wired in sympathy with the motor circuits. Failure to do so will result in bending the limit stop pin

Connections For a DC head without braking

Flying Lead

Function		Colour
Tilt Up	+ve	slate
Tilt Down	return	violet
Tilt pot wiper		white/green
Pan pot wiper		green

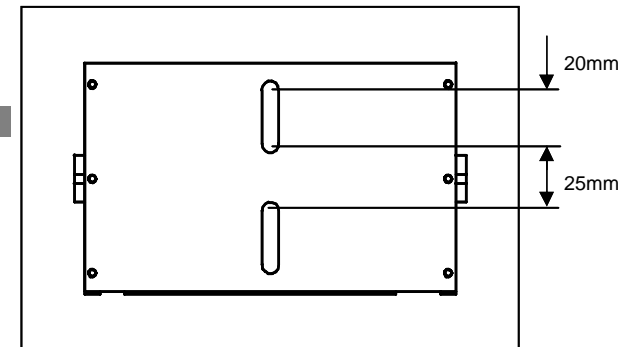
Flying Lead

Function		Colour
Pan Right	+ve	blue
Pan Left	return	red
Pot Supply	0ve	brown
Pot Supply	+ve	black

Fitting a Housing

The camera mounting platform is provided with slots slots on the over the top version. All holes and slots are to suit M6 bolts. The arrangement of slots are shown below.

Over The Top Mount



The camera mounting platform for sidemount consists of M6 clearance holes only. The arrangement of these holes are shown below

Sidemount

