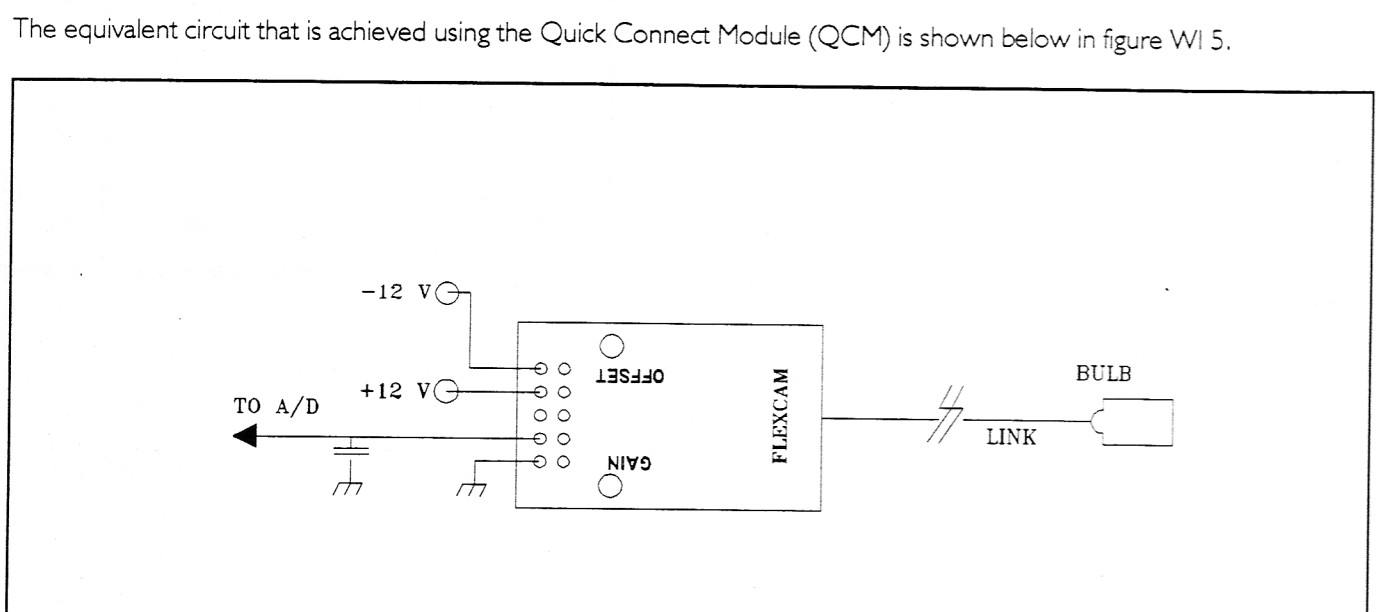
PARAMETER	SYMBOL	VALUE	UNITS
CAMERA INERTIA (INCLUDES MOTOR INERTIA)	J_hub	0.002	Kgm^2
LINK LENGTH	L	0.45	m
LINK HEIGHT	h	0.02	m
LINK THICKNESS	w	0.0008	m
LINK MASS	Ml	0.06	Kg
LINK RIGID BODY INERTIA	Jl	0.0042	Kgm^2
BULB MASS	Mb	0.05	Kg
POSITION SENSOR GAIN	Ks	0.39*	V/cm
POSITION SENSOR OFFSET	Vo	0.00*	Deg

* Nominal, variable with trimpots located on Camera

The equivalent circuit that is achieved using the Quick Connect Module (QCM) is shown below in figure WI 5.



WI- 5 Wiring the flexible link camera, FLEXCAM

CAUTION

The camera has an active circuit which is biased with +12V and -12V.
DO NOT CONFUSE THE TWO! this may damage the circuitry.