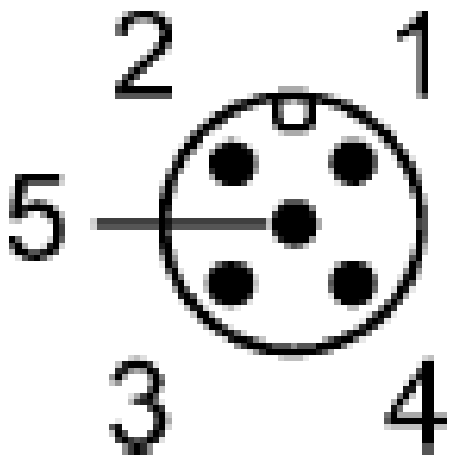
RM9000

Conexão M12; axial; 5 pólos



1: CAN_GND
2: VBBc
3: GND (PE)
4: CAN_High
5: CAN Low

Gemini 720

3.3.1. Impulse Titan MKS-310-FCR (Ethernet Port)

Pin	Function	Diagram	Photograph
1	Ethernet RX +		
2	Ethernet RX -		
3	Ethernet TX +		
4	DC +		
5	DC +		
6	Ethernet TX-		
7	DC Ground		
8	DC Ground		
9	TTL Ground		
10	TTL IN	Impulse Titan MKS-310-FCR	

3.3.2. Impulse Titan MKS(W)-307-FCR (VDSL Port)

Pin	Function	Diagram	Photograph
1	DC Ground		
2	DC +		
3	RS232 RX		
4	RS232 TX		
5	RS232 Ground		
6	VDSL +		
7	VDSL -	Impulse Titan MKS(W)-307-FCR	

3.4.1. Burton 5506-1508 (Main Port)

Pin	Function	Diagram
1	Ethernet RX +	
2	Ethernet RX -	
3	Ethernet TX +	
4	DC +	
5	VDSL +	
6	Ethernet TX -	5506-1508
7	DC Ground (0V)	
8	VDSL -	

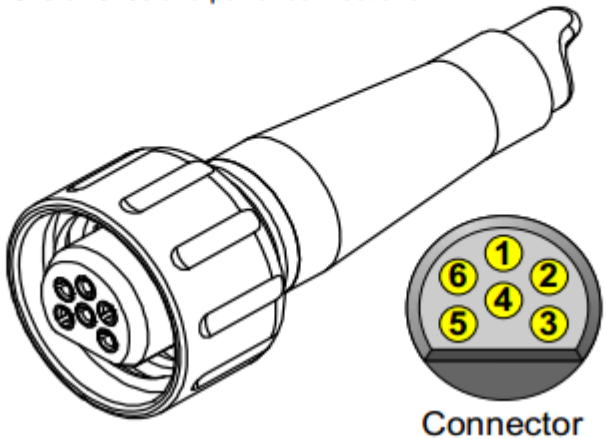
3.4.2. Burton 5506-1506 (Auxiliary Port)

Pin	Function	Diagram
1	RS232 RX	
2	RS232 TX	
3	DC +	
4	DC Ground (0V)	
5	RS232/TTL Ground	
6	TTL IN	5506-1506

Micron DST

System Interconnect Cabling

The Standard Underwater Connector supplied is a Tritech 6-way "Micron" connector, the wiring code is shown below including pin-outs for RS232/RS485 and power connections.



Connector
Face View

Pin Number	Cable Whip Colour	Wire Function
1	**Yellow**	RS485 Comms A or RS232 Comms TX
2	**Blue**	RS485 Comms B or RS232 Comms RX
3	**Red**	Supply Positive Voltage
4	**Black**	Supply Ground
5	**Green**	RS232 Comms Ground or Analogue Output (where applicable)
6	**Drain Wire** with Black 'Heat-shrink' Insulation	Earth

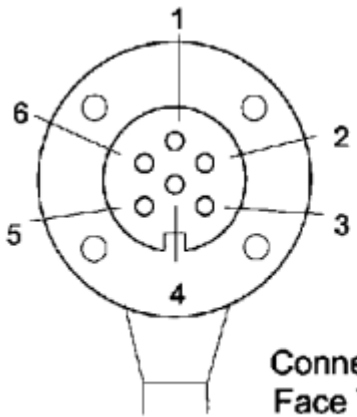
SeaKing DFP

PROFILER HEAD SUBSEA INTERCONNECT CABLING

The Underwater Connector supplied is 6 way; the wiring code is shown below.

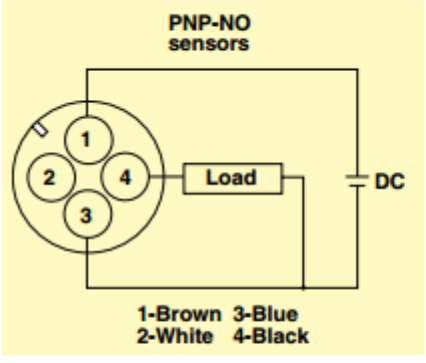
Caution !

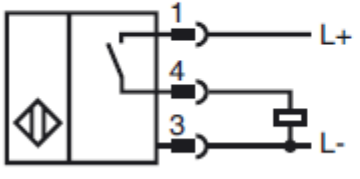
The numbers shown relate to all schematic diagrams, (not a DIN style format).



1	**ARCNET-A**	*(RS-232 Tx)*	Yellow
2	**ARCNET-B**	*(RS-232 Rx)*	Blue
3	**+24v DC**	*(+24v DC)*	Red
4	**0v DC**	*(0v DC)*	Black
5	**Pin 5 Sync**	*(RS-232 Gnd)*	Green
6	**HEAD CHASSIS**		Screen

Inductive Sensor





2.2 Esquema de ligações - Conector M12 x 1, 4 pinos

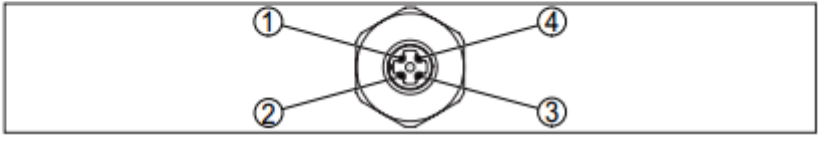
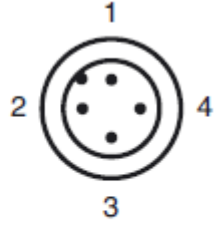


Fig. 1: Vista do conector (M12 x - 4 pinos)

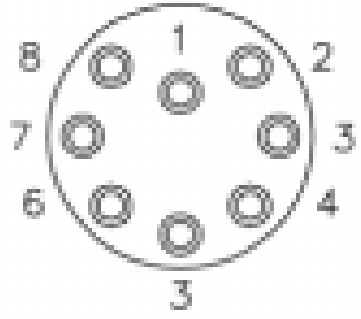
1 + (pino 1)
2 Saída de transístor (pino 2)
3 Saída de transístor (pino 3)
4 - (pino 4)



1	BN	(Marrom)
2	WH	(Branco)
3	BU	(Azul)
4	BK	(Preto)

oe 10-102

Subconn BH 8M



Male Face View

Serial controlled DC

1	±12 – 24V DC (Tilt) / Digital Operation 0V
2	Tilt Return
3	±12 – 24V DC (Pan)
4	Return (Pan) / Digital Operation +24V DC
5	NC
6	RS232 0V
7	RS485-{RS232 RX }
8	RS485+{RS232 TX }