

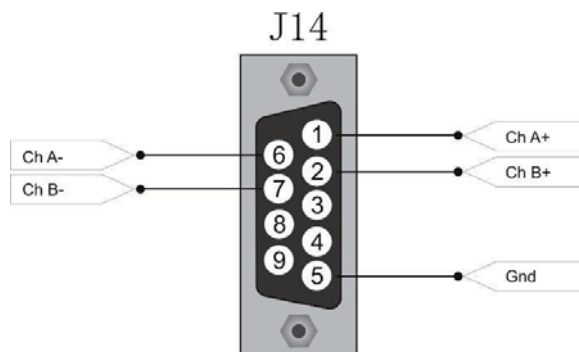
## 4.8 Encoder Input

The NGMEVO can use an internal input encoder Line Drive.  
 When this option is enabled, the number of PULSE/DIR channels is TWO.  
 This encoder input is normally used for **HANDWHEEL FUNCTION**  
 It means that the frequency inputs is not to high.

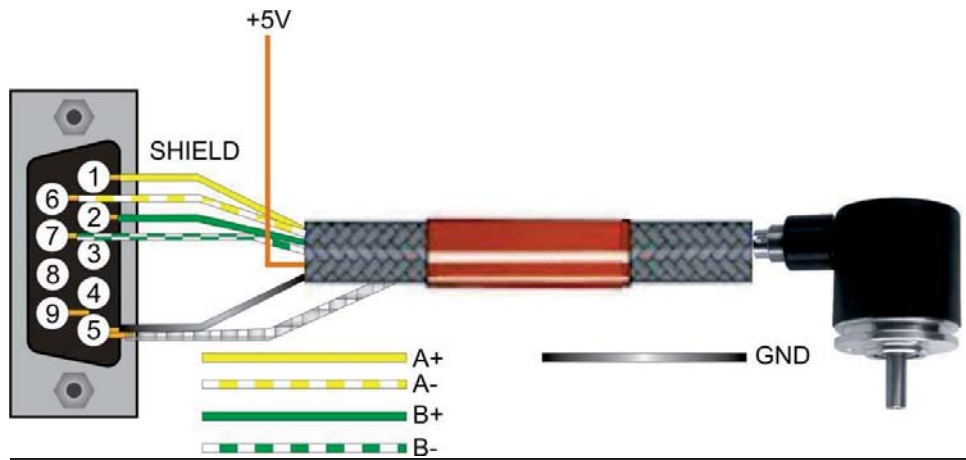
### 4.8.1 Electric characteristics

		U.m.	Min	Soglia	Max
On voltage level		Vdc	0		0,8
Off volatge level		Vdc	4		12
R input		Ω	6		
Frequency		KHz			32 *
TO PNP	On level	Vdc	2,5	2,2	7,7
	Index	Off level	0		1,5
TO NPN	On level	Vdc	0	1,4	1
	Index	Off level	2		7,7

**\* If is used the PULSE/DIR channels, the frequency can be decreased**



4.8.2 Example



**WARNING**

**USE A CABLE WITH SHIELD FOR THE CONNECTIONS**



**WARNING**

**The Power for encoder MUST BE EXTERNAL**