

# SCHEMI PREPARAZIONE CAVI

## per cabling del *Mode Cleaner*

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### Change History

<b>Version</b>	<b>Date</b>	<b>Changes</b>
<b>v1</b>	1999	initial suspension cabling
<b>v2r1</b>	2may03	added cabling for the marionette gear box
<b>v2r2</b>	01jul08	New cabling of the payload, due to the new payload. The new motors of the marionette are now with standard logic (previously were with inverted logic)
<b>v3r0</b>	august 2012	Cabling adaptation for AdV: replacement of the pre-existing DB25 with the circular 32-pins peekplugs, added cables for filter F#4. Remains to add cables for IP feet piezos&LVDTs

## Legenda

<b>F1 +</b>	motore, fase 1, positivo
<b>F1 -</b>	motore, fase 1, negativo
<b>F2 +</b>	motore, fase 2, positivo
<b>F2 -</b>	motore, fase 2, negativo
<b>FC fw</b>	motore, fine corsa, forward
<b>FC bw</b>	motore, fine corsa, backward
<b>FC com</b>	motore, fine corsa, comune
<b>TP sx +</b>	thermal probe, sinistro, positivo
<b>TP sx -</b>	thermal probe, sinistro, negativo
<b>TP dx +</b>	thermal probe, destro, positivo
<b>TP dx -</b>	thermal probe, destro, negativo
<b>Ls</b>	LVDT, secondario
<b>Lp</b>	LVDT, primario
<b>C +</b>	coil attuatore, positivo
<b>C -</b>	coil attuatore, negativo
<b>fbk</b>	accelerometro, feedback

## LEMO pinout of the main devices

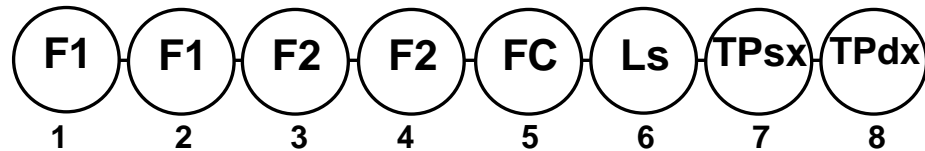
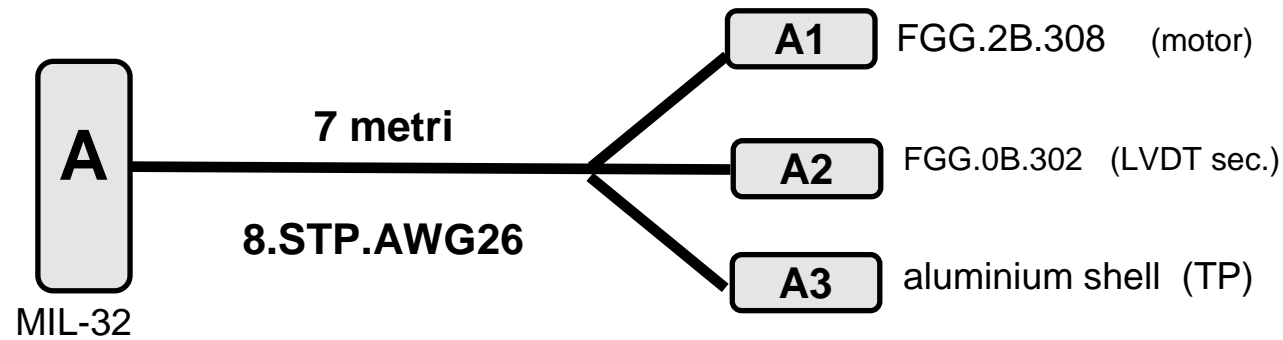
ACCELEROMETER	
LEMO contacts	Contact descript.
1	Lp
2	Lp
3	
4	F1 +
5	F1 -
6	F2 +
7	F2 -
8	
9	FC sx
11	FC dx
10	FC com
12	fbk
13	fbk
14	
15	Ls
16	Ls
17	
18	

LVDT	
LEMO contacts	Contact descript.
1	Lp +
2	Lp -
3	Ls +
4	Ls -

COIL	
LEMO contacts	Contact descript.
1	C +
2	C -

MOTOR		
LEMO contacts	Contact descript.	UTG contacts
1	F1 +	A
2	F1 -	B
	F1 shield	C
3	F2 +	D
4	F2 -	E
	F2 shield	F
5	FC bw	G
6	FC fw	H
7	FC com	J
8	n.c.	

**Cable A (vacuum side)**



Fase di Taglio e Spelatura
Data: 02 Dec 98
Operatore/i: Taddei
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 21dec 98
Operatore/i: Taddei, Cavalieri
Tempo impiegato (ore):

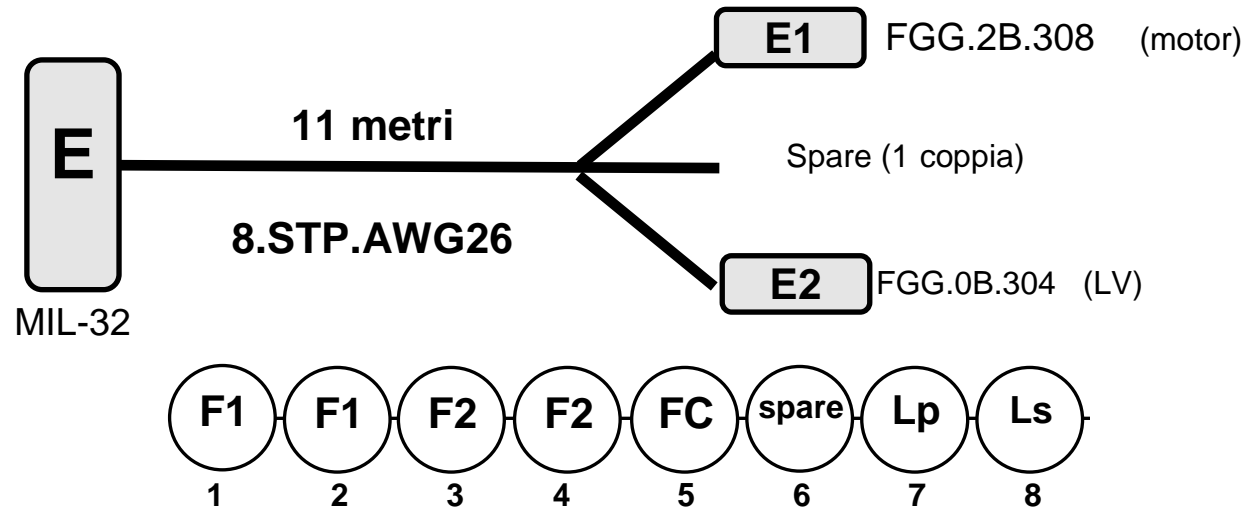
Fase di Controllo Qualita'
Data: 16 apr 99
Operatore/i: Taddei

Fase di Lavaggio e Storage
Data:
Operatore/i:

**Note:**  
 -Modified by Berni and Gherardini during August 2012: peekplug replacement (new: MIL-C-26482, older: DB25)  
 - per il motore, i conduttori delle fasi vanno a 2 a 2 nel pin MIL32

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	A.1A	A1.1	F1 +
A	A.1B	A1.1	F1 +
B	A.1S	n.c.	
C	A.2A	A1.2	F1 -
C	A.2B	A1.2	F1 -
D	A.2S	n.c.	
E	A.3A	A1.3	F2 +
E	A.3B	A1.3	F2+
F	A.3S	n.c.	
G	A.4A	A1.4	F2 -
G	A.4B	A1.4	F2 -
H	A.4S	n.c.	
J	A.5A	A1.5	FC bw
K	A.5B	A1.6	FC fw
L	A.5S	A1.7	FC com
M	A.6A	A2.1	Ls
N	A.6B	A2.2	Ls
P	A.6S	n.c.	
R	A.7A	A3	TP sx +
S	A.7B	A3	TP sx -
T	A.7S	n.c.	
U	A.8A	A3	TP dx +
V	A.8B	A3	TP dx -
W	A.8S	n.c.	

**Cable E (vacuum side)**



Fase di Taglio
Data: 9 dec 98
Operatore/i: Cavalieri
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 21 dec 98 e 16 apr 99
Operatore/i: Taddei
Tempo impiegato (ore):

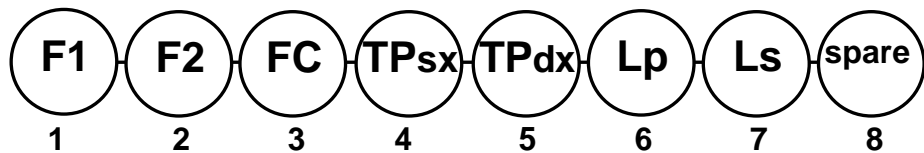
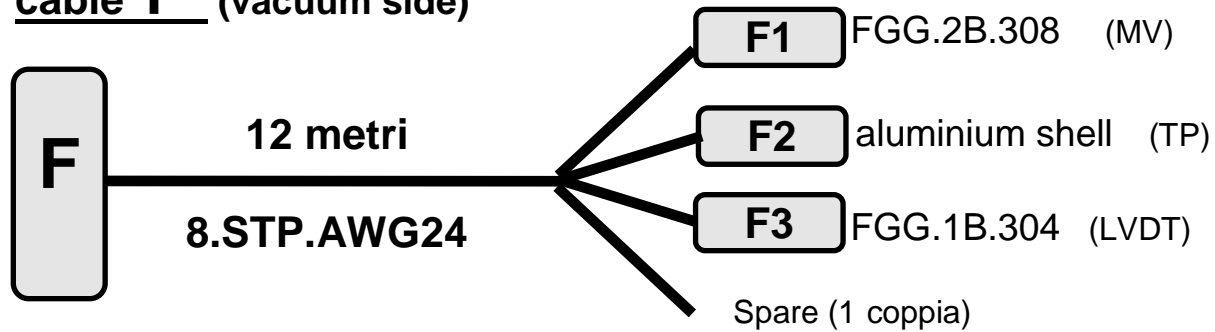
Fase di Controllo Qualita'
Data: 16 apr 99
Operatore/i: Taddei

Fase di Lavaggio e Storage
Data:
Operatore/i:

**Note:**  
 Modified by Berni and Gherardini during August 2012: peekplug replacement (new: **MIL-C-26482**, older: DB25)  
 - per il motore, i conduttori delle fasi vanno a 2 a 2 nel pin MIL32  
 - obtained by the former F cable (that otherwise would have become too short after the installation of filter F#4)

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	F.1A	F1.1	F1 +
A	F.1B	F1.1	F1 +
B	F.1S	n.c.	
C	F.2A	F1.2	F1 -
C	F.2B	F1.2	F1 -
D	F.2S	n.c.	
E	F.3A	F1.3	F2 +
E	F.3B	F1.3	F2+
F	F.3S	n.c.	
G	F.4A	F1.4	F2 -
G	F.4B	F1.4	F2 -
H	F.4S	n.c.	
J	F.5A	F1.5	FC bw
K	F.5B	F1.6	FC fw
L	F.5S	F1.7	FC com
M	F.6A	n.c.	
N	F.6B	n.c.	
P	F.6S	n.c.	
R	F.7A	F2.1	Lp
S	F.7B	F2.2	Lp -
T	F.7S	n.c.	
U	F.8A	F2.3	Ls
V	F.8B	F2.4	Ls
W	F.8S	n.c.	

**cable F** (vacuum side)



Cutting and Stripping phase
Date: <i>mar 03</i>
Operator: <i>Nenci</i>
Reel:

Crimping and Labeling phase
Date: <i>August 2012</i>
Operator: <i>F. Berni, F.Gherardini</i>
Duration (hours):

Quality Control phase
Date:
Operator:

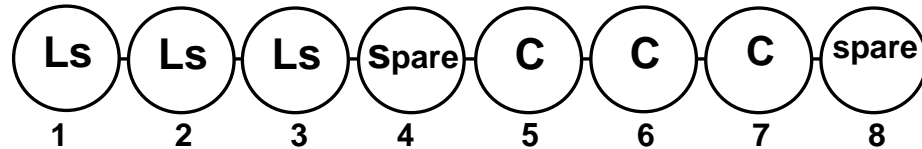
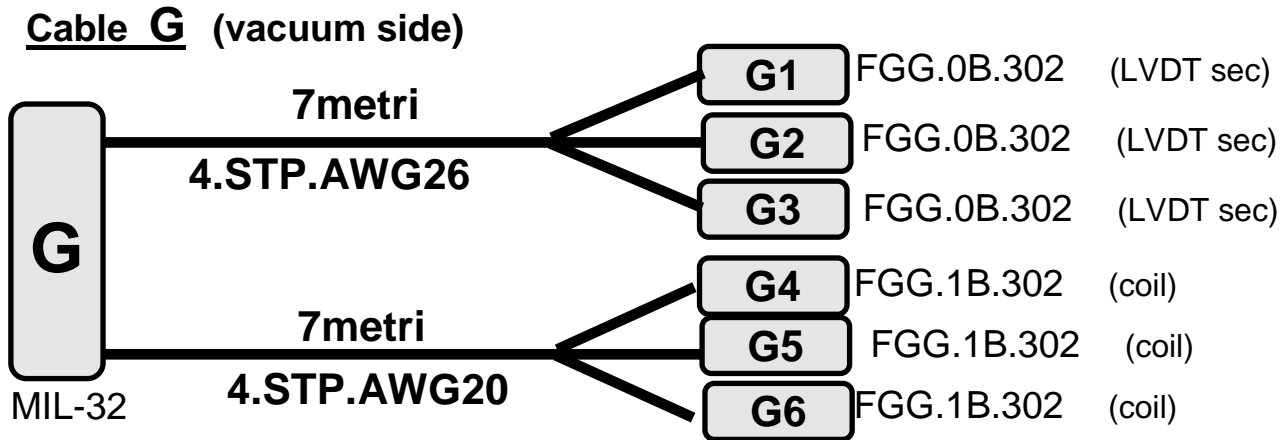
Cleaning and Storage phase
Date:
Operator:

**Notes:**

**Diramare a 60 cm**

- obtained by the former X cable (that otherwise would have become too short after the installation of filter F#4)

MIL-32 contacts	conductors	LEMO contacts	contact description
A	1.A	F1.1	F1 +
B	1.B	F1.2	F1 -
C	1.S	n.c.	
D	2.A	F1.3	F2 +
E	2.B	F1.4	F2 -
F	2.S	n.c.	
G	3.A	F1.5	FC sx
H	3.B	F1.6	FC dx
J	3.S	F1.7	FC com
K	4.A	F2	TP sx +
L	4.B	F2	TP sx -
M	4.S	n.c.	
N	5.A	F2	TP dx +
P	5.B	F2	TP dx -
R	5.S	n.c.	
S	6.A	F3.1	Lp
T	6.B	F3.2	Lp
U	6.S	n.c.	
V	7.A	F3.3	Ls
W	7.B	F3.4	Ls
X	7.S	n.c.	
Y	8.A	n.c	
Z	8.B	n.c.	
a	8.S	n.c.	



Fase di Taglio
Data: 19 mar 99
Operatore/i: Taddei
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data:
Operatore/i:
Tempo impiegato (ore):

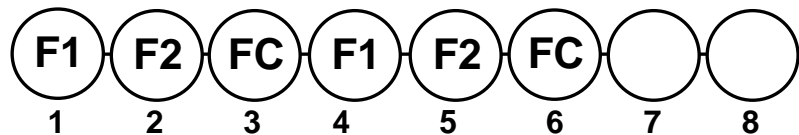
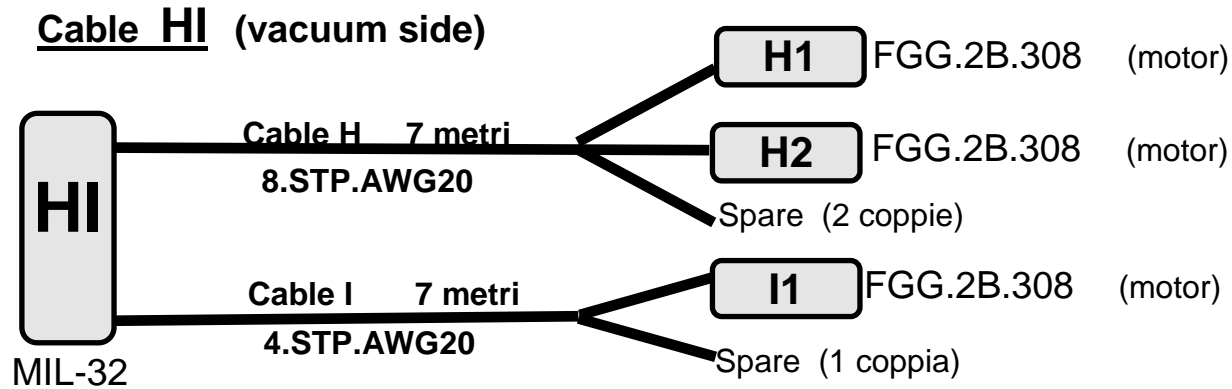
Fase di Controllo Qualita'
Data: 3 may 99
Operatore/i: Taddei

Fase di Lavaggio e Storage
Data:
Operatore/i:

**Note:**

- diramato ad 1.5 metri. Tagliato Ramo G1 e G4 piu' corti di 1 metro, Ramo G2 e G5 piu' corti di 0.5 metri (rispetto a 7 metri).
- Modified by Berni and Gherardini during August 2012: peekplug replacement (new: **MIL-C-26482**, older: DB25)

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	G.1A	G1.1	Ls
B	G.1B	G1.2	Ls
C	G.1S	n.c.	
D	G.2A	G2.1	Ls
E	G.2B	G2.2	Ls
F	G.2S	n.c.	
G	G.3A	G3.1	Ls
H	G.3B	G3.2	Ls
J	G.3S	n.c.	
K	G.4A	n.c.	
L	G.4B	n.c.	
M	G.4S	n.c.	
N	G.5A	G4.1	C +
P	G.5B	G4.2	C -
R	G.5S	n.c.	
S	G.6A	G5.1	C +
T	G.6B	G5.2	C -
U	G.6S	n.c.	
V	G.7A	G6.1	C +
W	G.7B	G6.2	C -
X	G.7S	n.c.	
Y	G.8A	n.c.	
Z	G.8B	n.c.	
a	G.8S	n.c.	



Fase di Taglio
Data: 19 mar 99
Operatore/i: Cavalieri
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 19 may 99 (DB 25)
Operatore/i: Ceccanti
Tempo impiegato (ore):

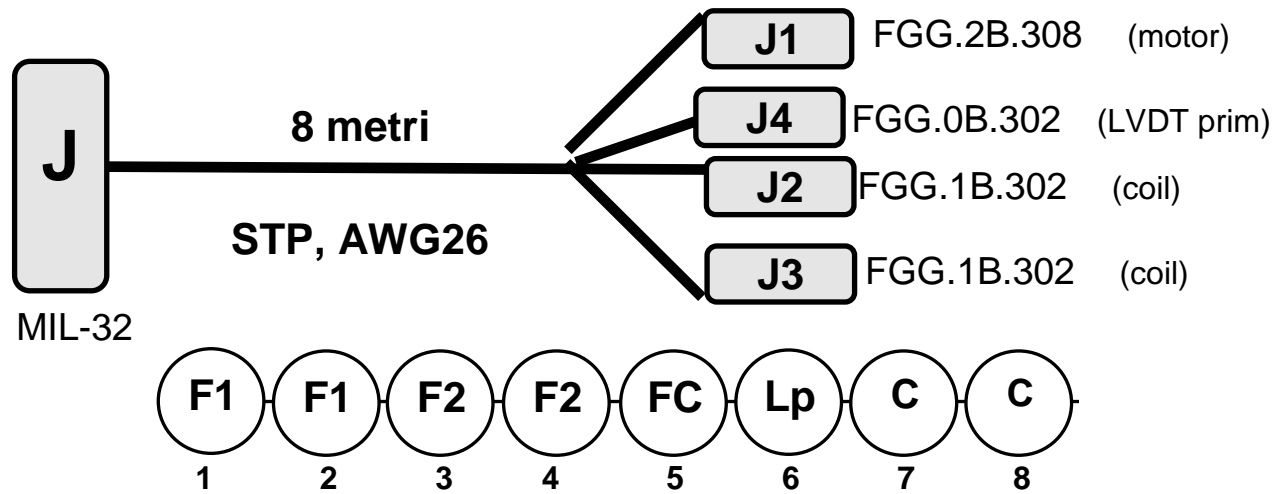
Fase di Controllo Qualita'
Data: 19 may 99
Operatore/i: Ceccanti

Fase di Lavaggio e Storage
Data: 19 may 99
Operatore/i: Ceccanti

Notes:
Modified by F.Berni and F.Gherardini during August 2012:
- peekplug replacement (new: MIL-C-26482, older: DB25)
- merging of former cables H and I
- unire i cavi con legacci

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	H.1A	H1.1	F1 +
B	H.1B	H1.2	F1 -
C	H.1S	n.c.	
D	H.2A	H1.3	F2 +
E	H.2B	H1.4	F2-
F	H.2S	n.c.	
G	H.3A	H1.5	FC bw
H	H.3B	H1.6	FC fw
J	H.3S	H1.7	FC com
K	H.4A	H2.1	F1 +
L	H.4B	H2.2	F1 -
M	H.4S	n.c.	
N	H.5A	H2.3	F2 +
P	H.5B	H2.4	F2 -
R	H.5S	n.c.	
S	H.6A	H2.5	FC bw
T	H.6B	H2.6	FC fw
U	H.6S	H2.7	FC com
V	I.1A	I1.1	F1 +
W	I.1B	I1.2	F1 -
X	I.1S	n.c.	
Y	I.2A	I1.3	F2 +
Z	I.2B	I1.4	F2-
a	I.2S	n.c.	
b	I.3A	I1.5	FC bw
c	I.3B	I1.6	FC fw
d	I.3S	I1.7	FC com

**Cable J (vacuum side)**



Fase di Taglio
Data: 9 Dec 98
Operatore/i: Cavalieri
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 21 Dec 98
Operatore/i: Cavalieri
Tempo impiegato (ore):

Fase di Controllo Qualita'
Data: 16 Apr 99
Operatore/i: Taddei

Fase di Lavaggio e Storage
Data:
Operatore/i:

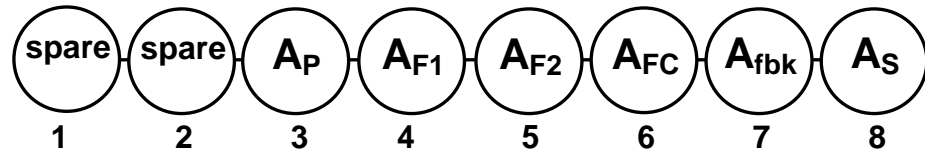
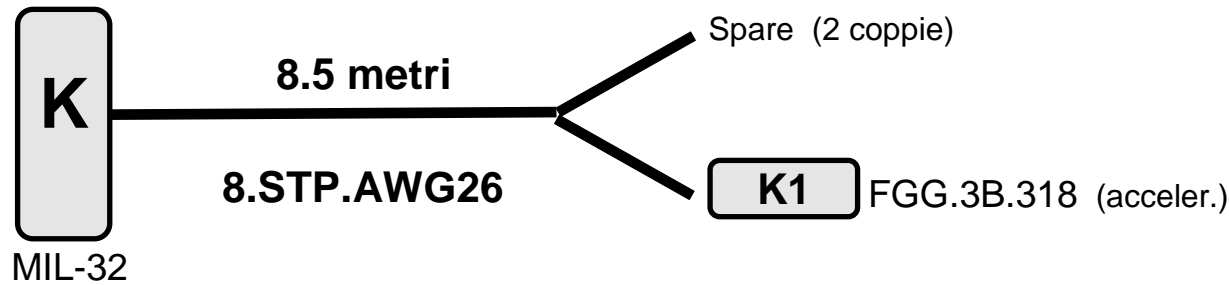
**Note:**

- J4 montato da Ceccanti
- Modified by Berni and Gherardini during August 2012: peekplug replacement (new: MIL-C-26482, older: DB25) and modification of Lemo J1 pinout
- per il motore, i conduttori delle fasi vanno a 2 a 2 nel pin MIL32

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	J.1A	J1.1	F1 +
A	J.1B	J1.1	F1 +
B	J.1S	n.c.	
C	J.2A	J1.2	F1 -
C	J.2B	J1.2	F1 -
D	J.2S	n.c.	
E	J.3A	J1.3	F2 +
E	J.3B	J1.3	F2 +
F	J.3S	n.c.	
G	J.4A	J1.4	F2 -
G	J.4B	J1.4	F2 -
H	J.4S	n.c.	
J	J.5A	J1.5	FC bw
K	J.5B	J1.6	FC fw
L	J.5S	J1.7	FC com
M	J.6A	J4.1	Lp
N	J.6B	J4.2	Lp
P	J.6S	n.c.	
R	J.7A	J2.1	C +
S	J.7B	J2.2	C -
T	J.7S	n.c.	
U	J.8A	J3.1	C +
V	J.8B	J3.2	C -
W	J.8S	n.c.	



**Cable K (vacuum side)**



Fase di Taglio e Spelatura
Data: 21 dec 98
Operatore/i: Cavalieri
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 29 dec 98
Operatore/i: Cavalieri
Tempo impiegato (ore): 2

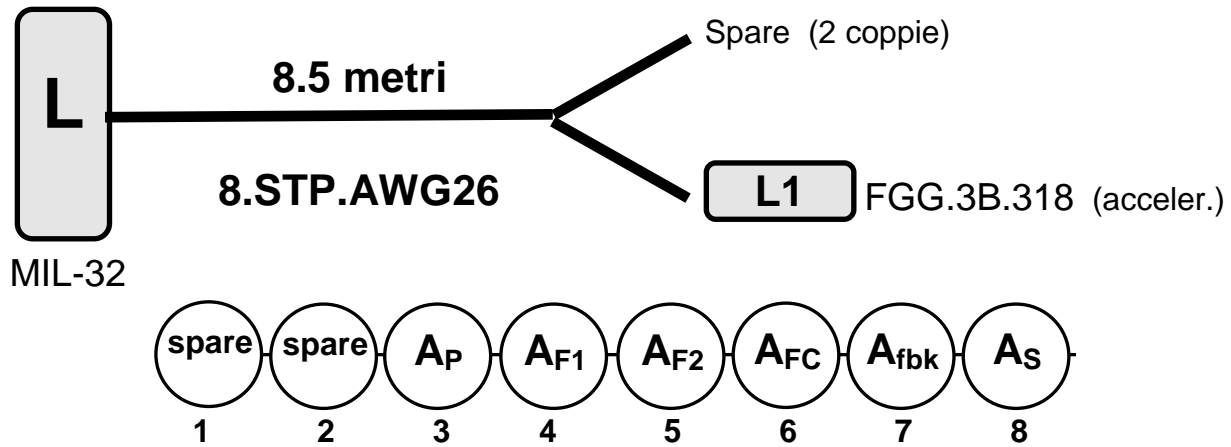
Fase di Controllo Qualita'
Data: 3 may 99
Operatore/i: Taddei

Fase di Lavaggio e Storage
Data:
Operatore/i:

**Note:**  
 Modified by Berni and Gherardini during August 2012: peekplug replacement (new: MIL-C-26482, older: DB25) and **modification of Lemo K1 pinout**

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	1.A		
B	1.B		
C	1.S		
D	2.A		
E	2.B		
F	2.S		
G	3.A	K1.1	Lp
H	3.B	K1.2	Lp
J	3.S	K1.3	
K	4.A	K1.4	F1 +
L	4.B	K1.5	F1 -
M	4.S	K1.8	
N	5.A	K1.6	F2 +
P	5.B	K1.7	F2 -
R	5.S	K1.18	
S	6.A	K1.9	FC sx
T	6.B	K1.11	FC dx
U	6.S	K1.10	FC com
V	7.A	K1.12	fbk
W	7.B	K1.13	fbk
X	7.S	K1.14	
Y	8.A	K1.15	Ls
Z	8.B	K1.16	Ls
a	8.S	K1.17	

**Cable L (vacuum side)**



Fase di Taglio e Spelatura
Data: <i>dec 98</i>
Operatore/i: <i>Taddei</i>
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: <i>dec 98</i>
Operatore/i: <i>Taddei</i>
Tempo impiegato (ore):

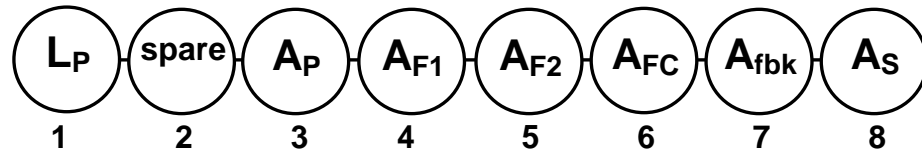
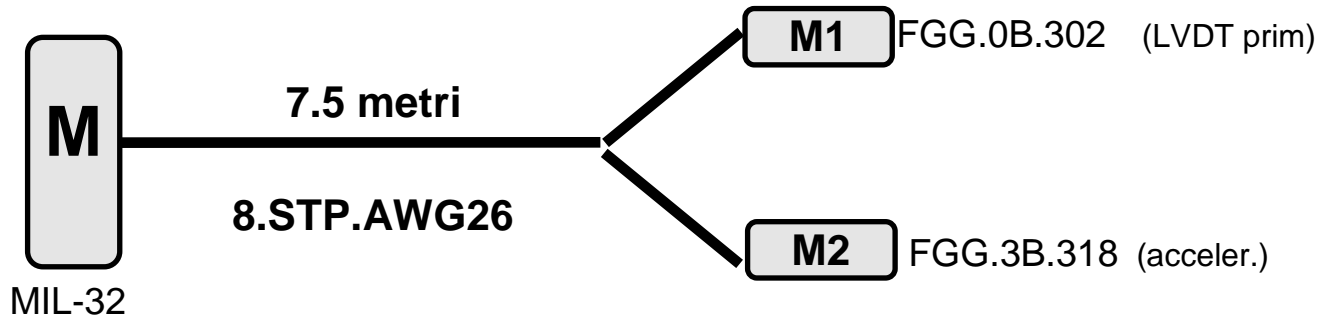
Fase di Controllo Qualita'
Data: <i>16 apr 99</i>
Operatore/i: <i>Taddei</i>

Fase di Lavaggio e Storage
Data:
Operatore/i:

**Note:**  
 Modified by Berni and Gherardini during August 2012: peekplug replacement (new: **MIL-C-26482**, older: DB25 ) and **modification of Lemo L1 pinout**

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	1.A		
B	1.B		
C	1.S		
D	2.A		
E	2.B		
F	2.S		
G	3.A	L1.1	Lp
H	3.B	L1.2	Lp
J	3.S	L1.3	
K	4.A	L1.4	F1 +
L	4.B	L1.5	F1 -
M	4.S	L1.8	
N	5.A	L1.6	F2 +
P	5.B	L1.7	F2 -
R	5.S	L1.18	
S	6.A	L1.9	FC sx
T	6.B	L1.11	FC dx
U	6.S	L1.10	FC com
V	7.A	L1.12	fbk
W	7.B	L1.13	fbk
X	7.S	L1.14	
Y	8.A	L1.15	Ls
Z	8.B	L1.16	Ls
a	8.S	L1.17	

**Cable M (vacuum side)**



Fase di Taglio e Spelatura
Data: 21 dec 98
Operatore/i: Cavalieri
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 30 dec 98
Operatore/i: Cavalieri
Tempo impiegato (ore): 2:30

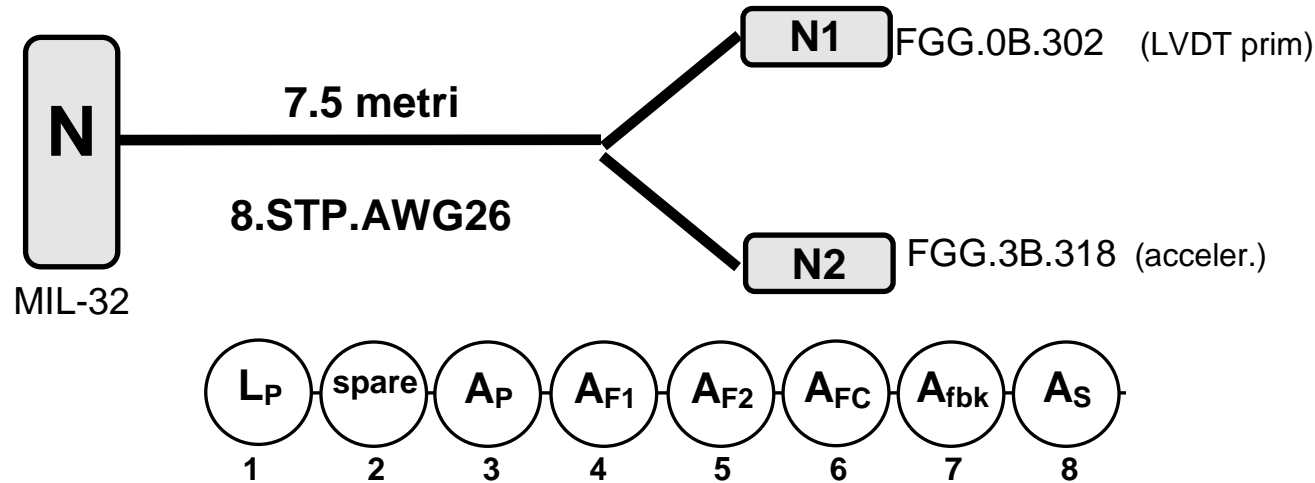
Fase di Controllo Qualita'
Data: 3 may 99
Operatore/i: Taddei

Fase di Lavaggio e Storage
Data:
Operatore/i:

**Note:**  
Modified by Berni and Gherardini during August 2012: peekplug replacement (new: **MIL-C-26482**, older: DB25) and **modification of Lemo M2 pinout**

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	1.A	M1.1	Lp
B	1.B	M1.2	Lp
C	1.S	n.c.	
D	2.A		
E	2.B		
F	2.S		
G	3.A	M2.1	Lp
H	3.B	M2.2	Lp
J	3.S	M2.3	
K	4.A	M2.4	F1 +
L	4.B	M2.5	F1 -
M	4.S	M2.8	
N	5.A	M2.6	F2 +
P	5.B	M2.7	F2 -
R	5.S	M2.18	
S	6.A	M2.9	FC sx
T	6.B	M2.11	FC dx
U	6.S	M2.10	FC com
V	7.A	M2.12	fbk
W	7.B	M2.13	fbk
X	7.S	M2.14	
Y	8.A	M2.15	Ls
Z	8.B	M2.16	Ls
a	8.S	M2.17	

**Cable N** (vacuum side)



Fase di Taglio e Spelatura
Data: 21 dec 98
Operatore/i: Cavalieri
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 31 dec 98
Operatore/i: Cavalieri
Tempo impiegato (ore): 2

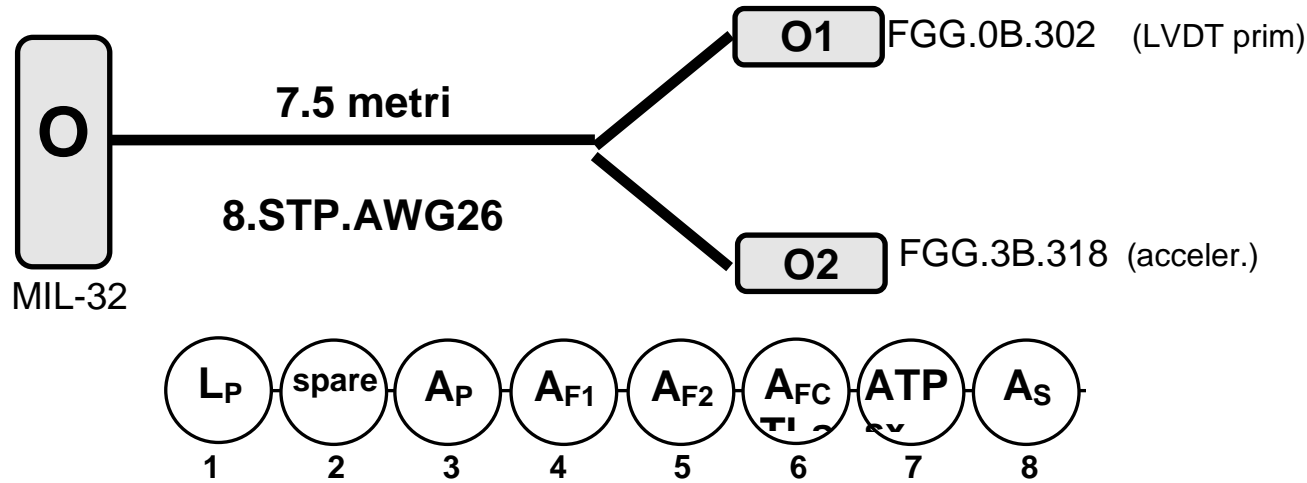
Fase di Controllo Qualita'
Data: 3 may 99
Operatore/i: Taddei

Fase di Lavaggio e Storage
Data:
Operatore/i:

**Note:**  
 Modified by Berni and Gherardini during August 2012: peekplug replacement (new: **MIL-C-26482**, older: DB25 ) and **modification of Lemo N2 pinout**

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	1.A	N1.1	Lp
B	1.B	N1.2	Lp
C	1.S	n.c.	
D	2.A		
E	2.B		
F	2.S		
G	3.A	N2.1	Lp
H	3.B	N2.2	Lp
J	3.S	N2.3	
K	4.A	N2.4	F1 +
L	4.B	N2.5	F1 -
M	4.S	N2.8	
N	5.A	N2.6	F2 +
P	5.B	N2.7	F2 -
R	5.S	N2.18	
S	6.A	N2.9	FC sx
T	6.B	N2.11	FC dx
U	6.S	N2.10	FC com
V	7.A	N2.12	fbk
W	7.B	N2.13	fbk
X	7.S	N2.14	
Y	8.A	N2.15	Ls
Z	8.B	N2.16	Ls
a	8.S	N2.17	

**Cable O (vacuum side)**



Fase di Taglio e Spelatura
Data: 17 mar 99
Operatore/i: Taddei
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 17 mar 99
Operatore/i: Taddei
Tempo impiegato (ore): 5:45

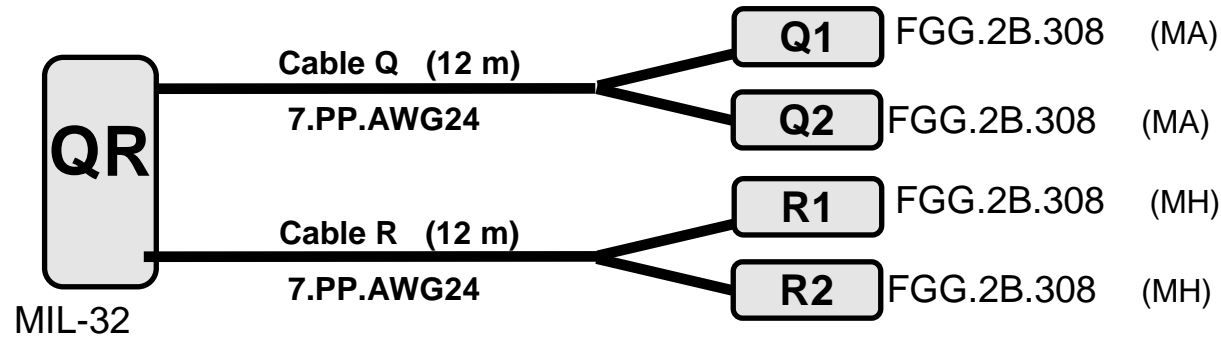
Fase di Controllo Qualita'
Data: 3 may 99
Operatore/i: Taddei

Fase di Lavaggio e Storage
Data:
Operatore/i:

**Note:**  
Modified by Berni and Gherardini during August 2012: peekplug replacement (new: **MIL-C-26482**, older: DB25 ) and **modification of Lemo O2 pinout**

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	1.A	O1.1	Lp
B	1.B	O1.2	Lp
C	1.S	n.c.	
D	2.A		
E	2.B		
F	2.S		
G	3.A	O2.1	Lp
H	3.B	O2.2	Lp
J	3.S	O2.3	
K	4.A	O2.4	F1 +
L	4.B	O2.5	F1 -
M	4.S	O2.8	
N	5.A	O2.6	F2 +
P	5.B	O2.7	F2 -
R	5.S	O2.18	
S	6.A	O2.9	FC sx
T	6.B	O2.11	FC dx
U	6.S	O2.10	FC com
V	7.A	O2.12	fbk
W	7.B	O2.13	fbk
X	7.S	O2.14	
Y	8.A	O2.15	Ls
Z	8.B	O2.16	Ls
a	8.S	O2.17	

**Cable QR (vacuum side)**



Fase di Taglio e Spelatura
Data: see ver. v2r2
Operatore/i:
Bobina di provenienza:

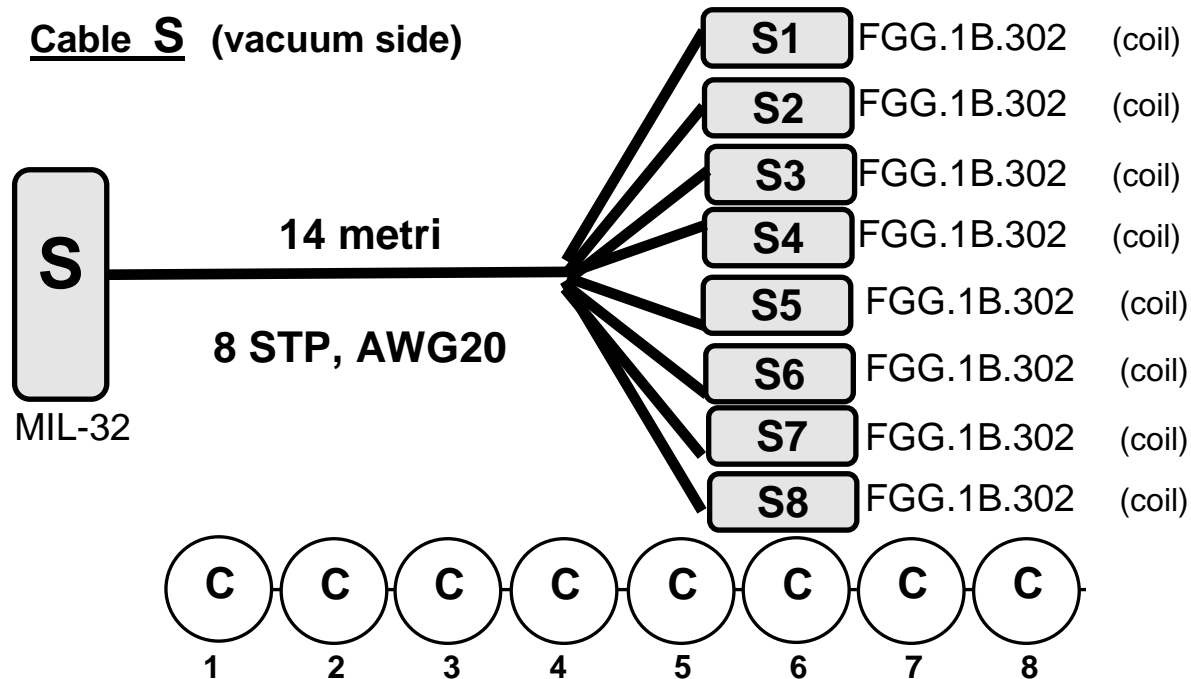
Fase di Crimpaggio e Labeling
Data: see ver. v2r2
Operatore/i:
Tempo impiegato (ore):

Fase di Controllo Qualita'
Data: see ver. v2r2
Operatore/i:

Fase di Lavaggio e Storage
Data: see ver. v2r2
Operatore/i:

**Note:**  
 Modified by *F.Berni* and *F.Gherardini* during August 2012:  
 - peekplug replacement (new: **MIL-C-26482**, older: DB25)  
 - merging of former cables **Q** and **R**  
 - non usare legacci, mantenere i cavi separati

MIL-32 contacts	conductors	LEMO contacts	Contact description
A	Q.1	Q1.1	F1 +
B	Q.2	Q1.2	F1 -
C	Q.3	Q1.3	F2 +
D	Q.4	Q1.4	F2 -
E	Q.5	Q1.5	FC bw
F	Q.6	Q1.6	FC fw
G	Q.7	Q1.7	FC com
H	Q.8	Q2.1	F1 +
J	Q.9	Q2.2	F1 -
K	Q.10	Q2.3	F2 +
L	Q.11	Q2.4	F2 -
M	Q.12	Q2.5	FC bw
N	Q.13	Q2.6	FC fw
P	Q.14	Q2.7	FC com
R	R.1	R1.1	F1 +
S	R.2	R1.2	F1 -
T	R.3	R1.3	F2 +
U	R.4	R1.4	F2 -
V	R.5	R1.5	FC bw
W	R.6	R1.6	FC fw
X	R.7	R1.7	FC com
Y	R.8	R2.1	F1 +
Z	R.9	R2.2	F1 -
a	R.10	R2.3	F2 +
b	R.11	R2.4	F2 -
c	R.12	R2.5	FC bw
d	R.13	R2.6	FC fw
e	R.14	R2.7	FC com



Cutting and Stripping phase
Data: 17 mar 99
Operatore/i: Cavalieri
Bobina di provenienza: D

Crimping and Labeling phase
Data: 19 may 99
Operatore/i: Ceccanti
Tempo impiegato (ore): 2

Quality Control phase
Data: 19 may 99
Operatore/i: Ceccanti

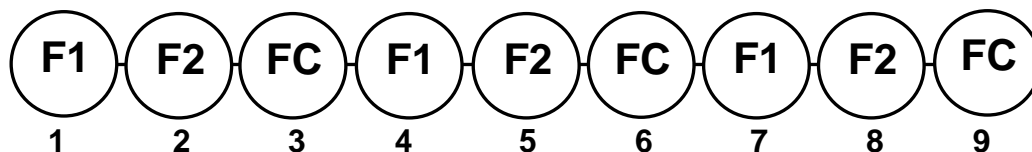
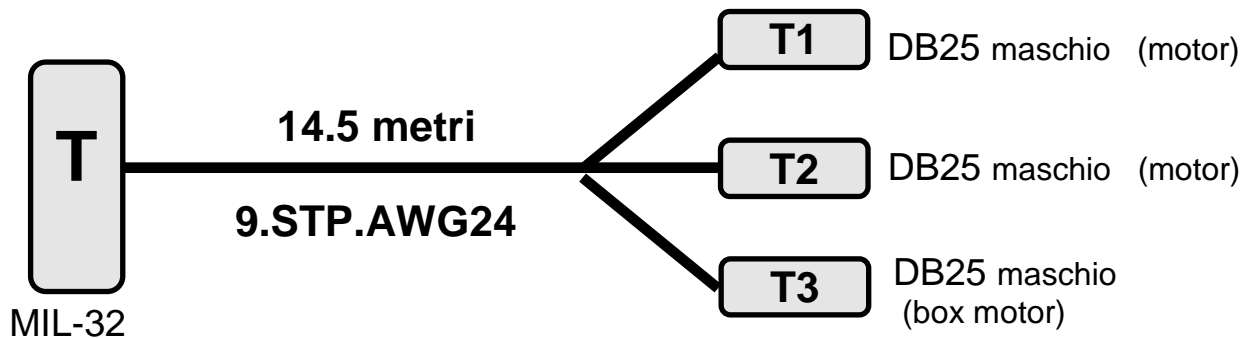
Cleaning and Storage phase
Data: 18 may 99
Operatore/i: Ceccanti

**Notes:**

Modified in situ by Berni and Gherardini during August 2012: peekplug replacement (new: **MIL-C-26482**, older: DB25)

MIL-32 contacts	conductors	LEMO contacts	contact description
A	1.A	V1.1	C +
B	1.B	V1.2	C -
C	1.S	n.c.	
D	2.A	V1.3	C +
E	2.B	V1.4	C -
F	2.S	n.c.	
G	3.A	V1.5	C +
H	3.B	V1.6	C -
J	3.S	n.c.	
K	4.A	V1.7	C +
L	4.B	V1.8	C -
M	4.S	n.c.	
N	5.A	V1.9	C +
P	5.B	V1.10	C -
R	5.S	n.c.	
S	6.A	V1.11	C +
T	6.B	V1.12	C -
U	6.S	n.c.	
V	7.A	V1.11	C +
W	7.B	V1.12	C -
X	7.S	n.c.	
Y	8.A	V1.11	C +
Z	8.B	V1.12	C -
a	8.S	n.c.	

**Cable T (vacuum side)**



Fase di Taglio e Spelatura
Data: 28 aug 2012
Operatore/i: Dattilo, Gherardini
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 28 aug 2012
Operatore/i: Gherardini
Tempo impiegato (ore): 2

Fase di Controllo Qualita'
Data: aug 2012
Operatore/i: Dattilo, Gherardini

Fase di Lavaggio e Storage
Data:
Operatore/i:

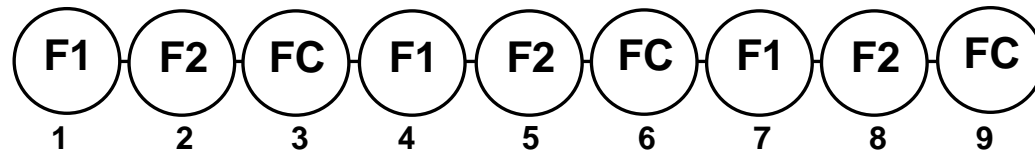
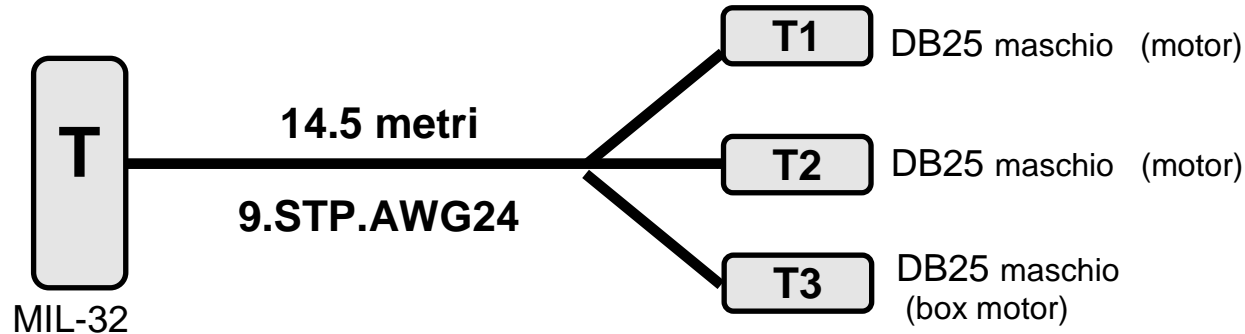
**Note:**

- Rifatto piu' lungo per AdV, aggiunto T3 (sostituisce il preesistente U1) e modificato pinout T1 e T2
- Mettere un ponticello tra pin 13 ed 11 di T1 ed un ponticello tra pin 13 ed 11 di T2
- **Resta da aggiornare il pinout di T1 e T2 sul connettore al top della marionetta**

MIL-32 contacts	conductors	DB25 contacts	Contact description
A	1.A	T1.1	F1 +
B	1.B	T1.3	F1 -
C	1.S		
D	2.A	T1.5	F2 +
E	2.B	T1.7	F2 -
F	2.S		
G	3.A	T1.9	FC bw
H	3.B	T1.11	FC fw
J	3.S	T1.13	FC com
K	4.A	T2.1	F1 +
L	4.B	T2.3	F1 -
M	4.S		
N	5.A	T2.5	F2 +
P	5.B	T2.7	F2 -
R	5.S		
S	6.A	T2.10	FC bw
T	6.B	T2.12	FC fw
U	6.S	T2.13	FC com
V	7.A	T3.1	F1 +
W	7.B	T3.3	F1 -
X	7.S		
Y	8.A	T3.5	F2 +
Z	8.B	T3.7	F2 -
a	8.S		
b	9.A	T3.9	FC bw
c	9.B	T3.11	FC fw
d	9.S	T3.13	FC com



Cable T (vacuum side) OLD/removed



Fase di Taglio e Spelatura
Data: 28 aug 2012
Operatore/i: Dattilo, Gherardini
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 28 aug 2012
Operatore/i: Gherardini
Tempo impiegato (ore): 2

Fase di Controllo Qualita'
Data: aug 2012
Operatore/i: Dattilo, Gherardini

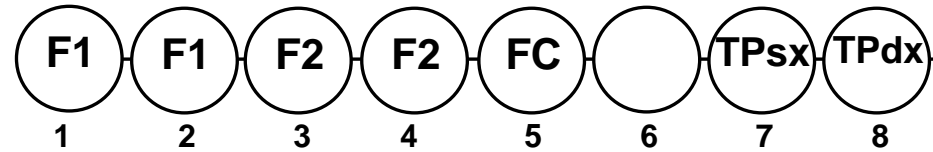
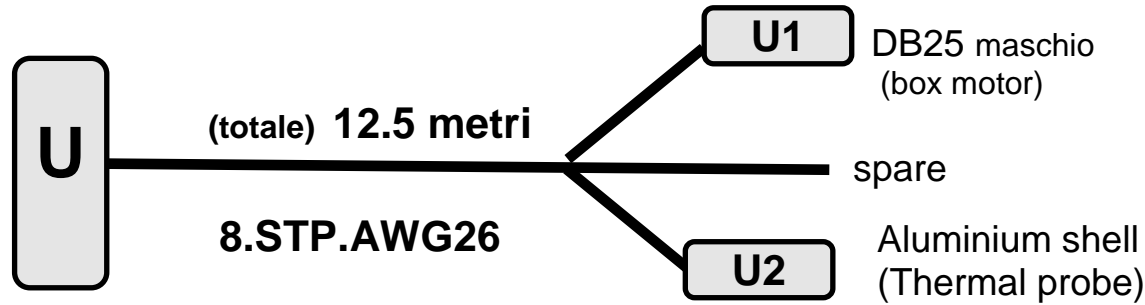
Fase di Lavaggio e Storage
Data:
Operatore/i:

**Note:**

- Rifatto piu' lungo per AdV ed aggiunto T3 (sostituisce il preesistente U3)
- Mettere un ponticello tra pin 13 ed 11 di **T1** ed un ponticello tra pin 13 ed 11 di **T2**

MIL-32 contacts	conductors	DB25 contacts	Contact description
A	1.A	T1.1	F1 +
B	1.B	T1.3	F1 -
C	1.S		
D	2.A	T1.5	F2 +
E	2.B	T1.7	F2 -
F	2.S		
G	3.A	T1.10	FC bw
		T1.11	FC com
H	3.B	T1.12	ponticello FC fw
J	3.S	T1.13	FC com
K	4.A	T2.1	F1 +
L	4.B	T2.3	F1 -
M	4.S		
N	5.A	T2.5	F2 +
P	5.B	T2.7	F2 -
R	5.S		
S	6.A	T2.10	FC bw
		T2.11	FC com
T	6.B	T2.12	ponticello FC fw
U	6.S	T2.13	FC com
V	7.A	T3.1	F1 +
W	7.B	T3.3	F1 -
X	7.S		
Y	8.A	T3.5	F2 +
Z	8.B	T3.7	F2 -
a	8.S		
b	9.A	T3.9	FC bw
c	9.B	T3.11	FC fw
d	9.S	T3.13	FC com

Cable **U** (vacuum side) OLD/removed



Fase di Taglio e Spelatura
Data:
Operatore/i:
Bobina di provenienza:

Fase di Crimpaggio e Labeling
Data: 22 apr 99
Operatore/i: Taddei / Cavalieri
Tempo impiegato (ore):

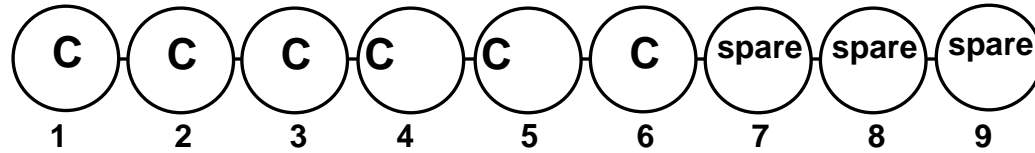
Fase di Controllo Qualita'
Data:
Operatore/i:

Fase di Lavaggio e Storage
Data:
Operatore/i:

**Note:**  
 U1 diramato di 2 mt  
 U2 diramato di 0.5 mt  
**Modificato a marzo 2003 da Nenci**

DB25 contacts	conductors	DB25 contacts	Contact description
U.1	U.1N	U1.1	F1 +
U.2	U.1B	U1.3	F1 -
U.3	U.1S	n.c.	
U.4	U.2N	U1.1	F1 +
U.5	U.2B	U1.3	F1 -
U.6	U.2S	n.c.	
U.7	U.3N	U1.5	F2 +
U.8	U.3B	U1.7	F2 -
U.9	U.3S	n.c.	
U.10	U.4N	U1.5	F2 +
U.11	U.4B	U1.7	F2 -
U.12	U.4S	n.c.	
U.13			
U.14	U.5N	U1.9	FC bw
U.15	U.5B	U1.11	FC fw
U.16	U.5S	U1.13	FC com
U.17	U.6N		
U.18	U.6B		
U.19	U.6S		
U.20	U.7N		TP dx +
U.21	U.7B		TP dx -
U.22	U.7S	n.c.	
U.23	U.8N		TP sx +
U.24	U.8B		TP sx -
U.25	U.8S	n.c.	

**cable X (vacuum side)**



Cutting and Stripping phase
Date: 28 aug 2012
Operator: Dattilo, Gherardini
Reel:

Crimping and Labeling phase
Date: 28 aug 2012
Operator: Gherardini
Duration (hours):

Quality Control phase
Date:
Operator:

Cleaning and Storage phase
Date:
Operator:

Notes:
- Rifatto piu' lungo per Adv

MIL-32 contacts	conductors	DB25 contacts	contact description
A	1.A	X1.1	C +
B	1.B	X1.2	C -
C	1.S	n.c.	
D	2.A	X1.4	C +
E	2.B	X1.5	C -
F	2.S	n.c.	
G	3.A	X1.7	C +
H	3.B	X1.8	C -
J	3.S	n.c.	
K	4.A	X1.10	C +
L	4.B	X1.11	C -
M	4.S	n.c.	
N	5.A	X1.14	C +
P	5.B	X1.15	C -
R	5.S	n.c.	
S	6.A	X1.17	C +
T	6.B	X1.18	C -
U	6.S	n.c.	
V	7.A	n.c.	
W	7.B	n.c.	
X	7.S	n.c.	
Y	8.A	n.c.	
Z	8.B	n.c.	
a	8.S	n.c.	
b	9.A	n.c.	
c	9.B	n.c.	
d	9.S	n.c.	

