

SCHEMI PREPARAZIONE CAVI

per cabling del *Mode Cleaner*

Contents

LEGENDA	2
LEMO PINOUT OF THE MAIN DEVICES	2
CABLE A (VACUUM SIDE)	3
CABLE E (VACUUM SIDE).....	4
CABLE F (VACUUM SIDE).....	5
CABLE G (VACUUM SIDE).....	6
CABLE HI (VACUUM SIDE).....	7
CABLE J (VACUUM SIDE)	8
CABLE K (VACUUM SIDE).....	9
CABLE L (VACUUM SIDE).....	10
CABLE M (VACUUM SIDE)	11
CABLE N (VACUUM SIDE)	12
CABLE O (VACUUM SIDE).....	13
CABLE P (VACUUM SIDE).....	14
CABLE QR (VACUUM SIDE)	15
CABLE S (VACUUM SIDE).....	16
CABLE T (VACUUM SIDE).....	17
CABLE T (VACUUM SIDE) OLD/REMOVED	18
CABLE U (VACUUM SIDE) OLD/REMOVED.....	19
CABLE X (VACUUM SIDE)	20
CABLE Z (VACUUM SIDE).....	21

Change History

Version	Date	Changes
v1	1999	initial suspension cabling
v2r1	2may03	added cabling for the marionette gear box
v2r2	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)
v3r0	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
v3r1	august 2013	Added cables for IP feet piezos&LVDTs

Legenda

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

LEMO pinout of the main devices

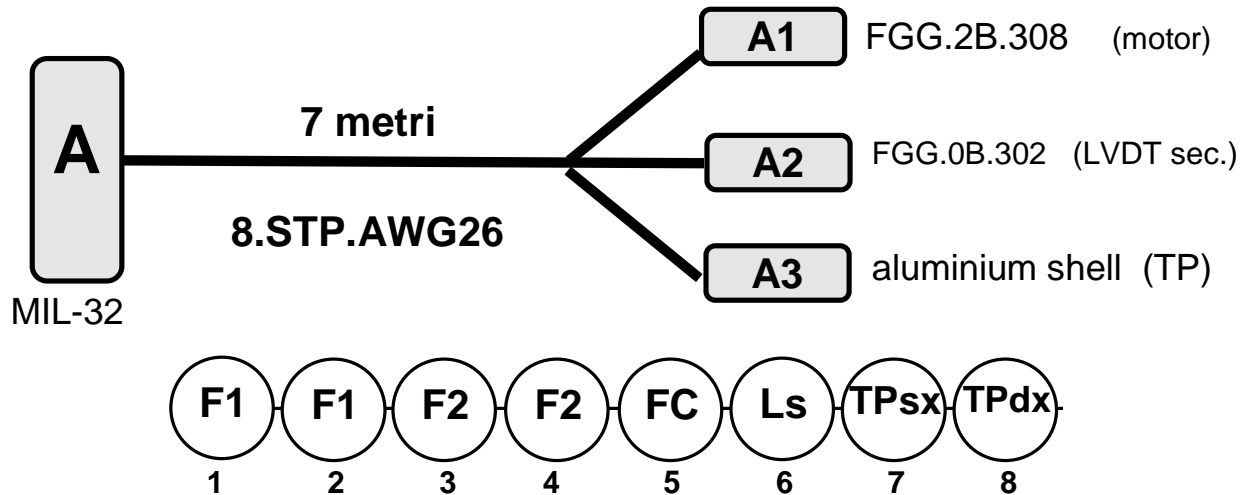
ACCELEROMETER	
LEMO contacts	Contact descript.
1	Lp
2	Lp
3	
4	F1 +
5	F1 -
6	F2 +
7	F2 -
8	
9	FC sx
11	FC dx
10	FC com
12	fbk
13	fbk
14	
15	Ls
16	Ls
17	
18	

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
3	F1 shield	C
4	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

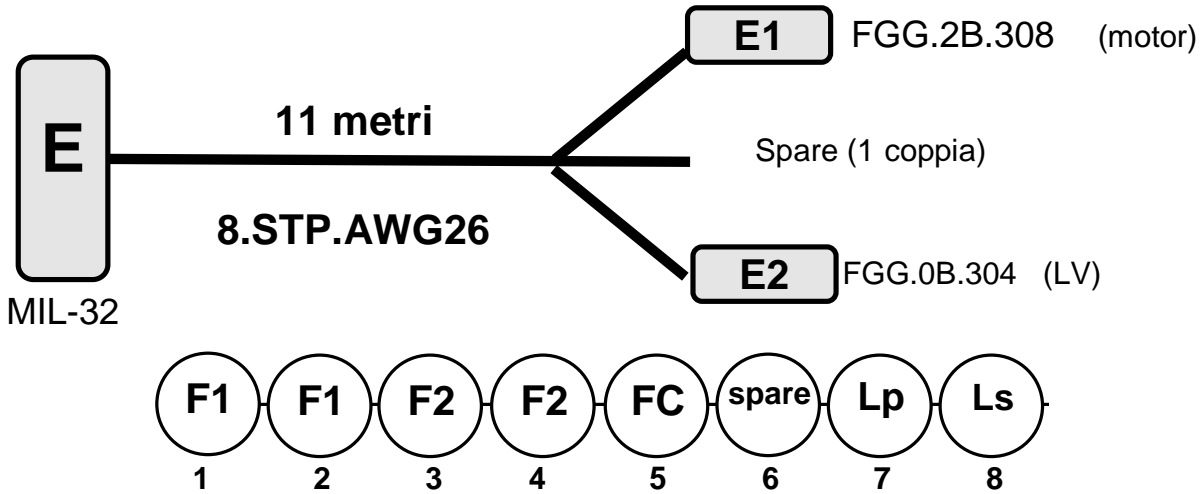
Fase di Lavaggio e Storage
Data:
Operatore/i:

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):

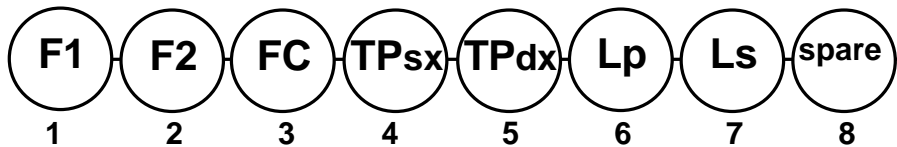
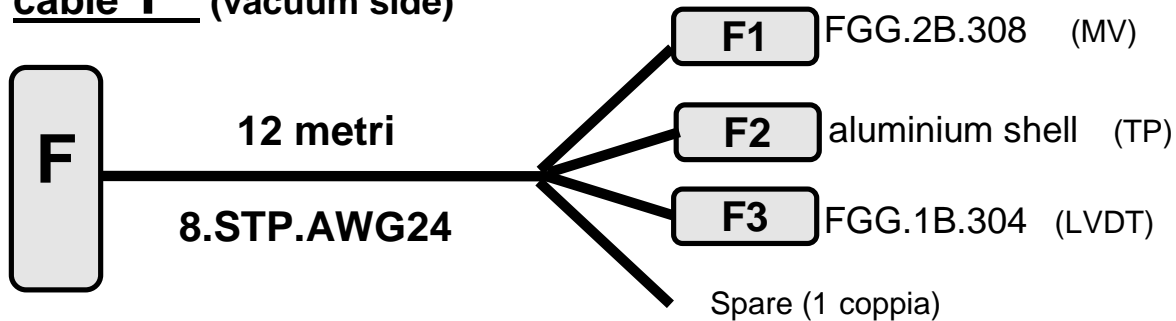
Fase di Controllo Qualita'
Data: 16 apr 99
Operatore/i: Taddei

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	Crimping and Labeling phase
Date: <i>mar 03</i>	Date: <i>August 2012</i>
Operator: <i>Nenci</i>	Operator: <i>F. Berni, F.Gherardini</i>
Reel:	Duration (hours):

Quality Control phase	Cleaning and Storage phase
Date:	Date:
Operator:	Operator:

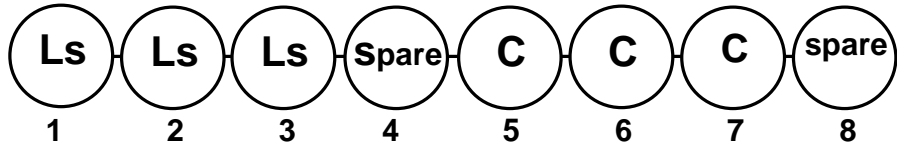
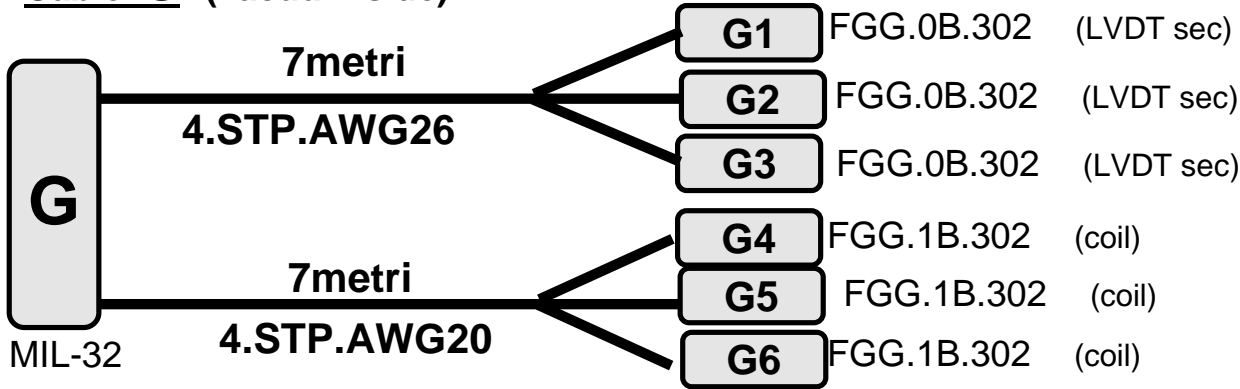
Notes:

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.	

Cable G (vacuum side)



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

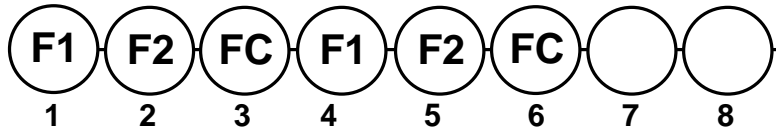
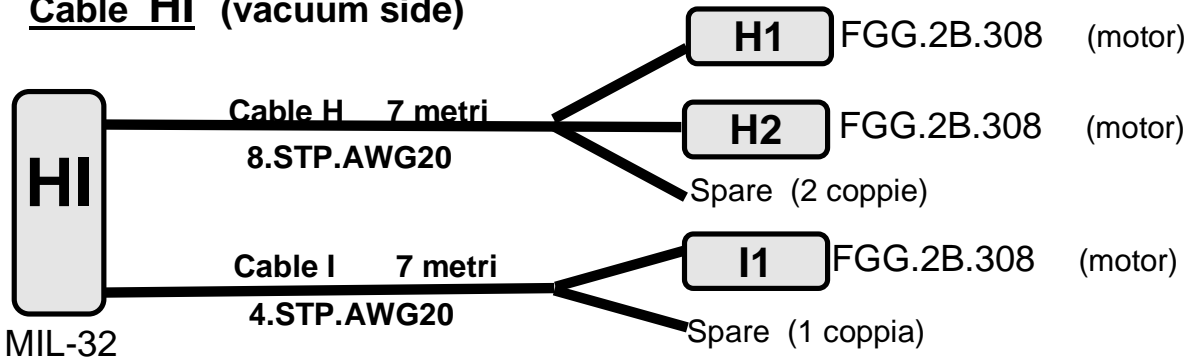
Fase di Lavaggio e Storage
Data:
Operatore/i:

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.	

Cable HI (vacuum side)



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):

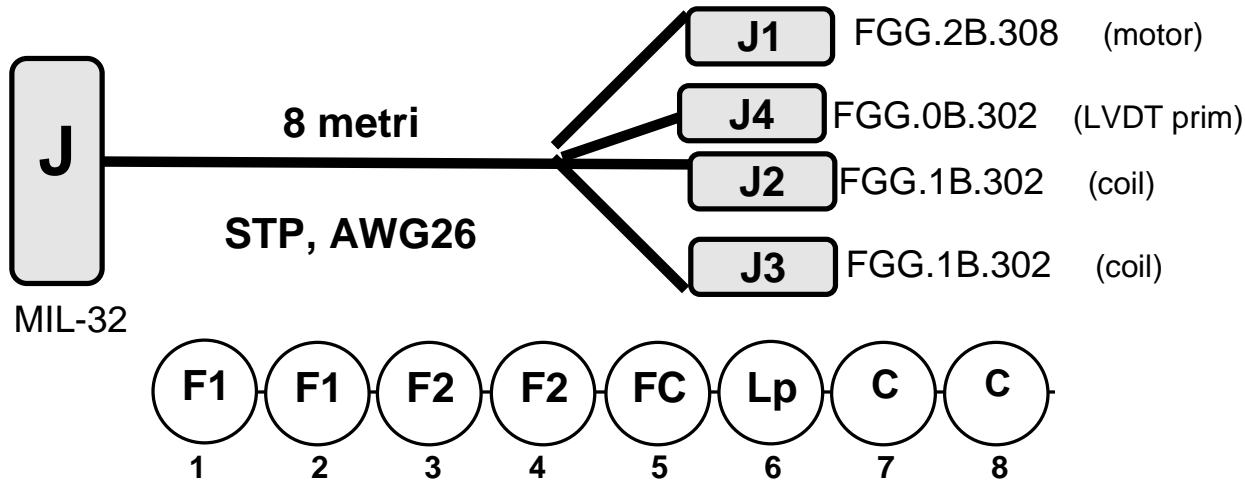
Fase di Controllo Qualita'
Data: 19 may 99
Operatore/i: Ceccanti

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

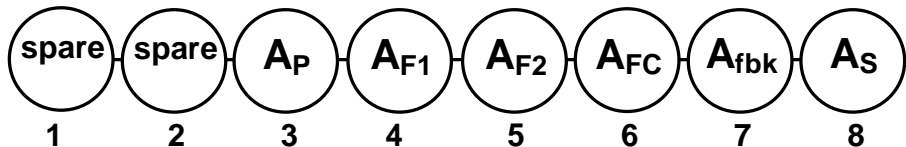
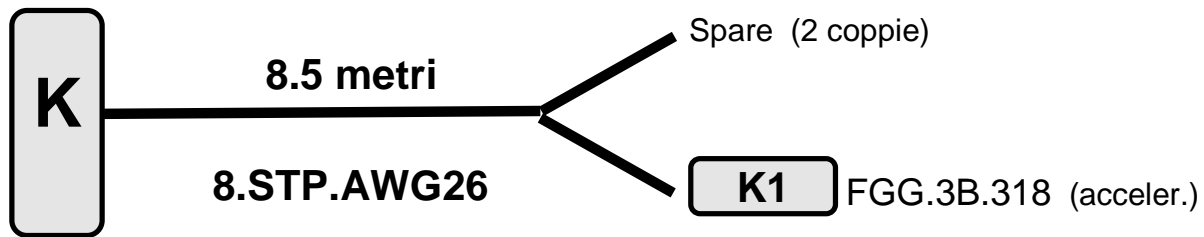
Fase di Lavaggio e Storage
Data:
Operatore/i:

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

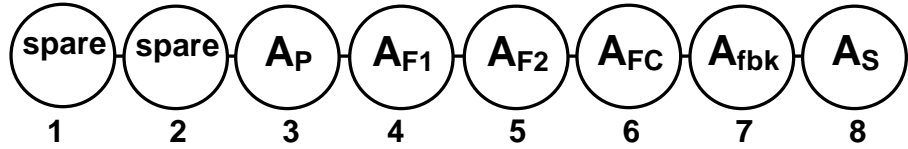
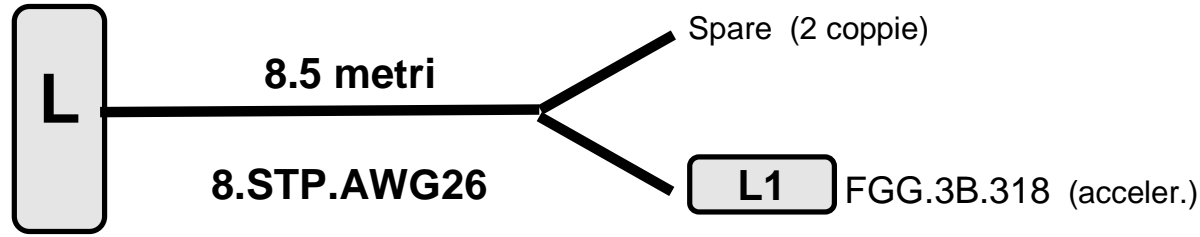
Fase di Controllo Qualita'
Data: 3 may 99
Operatore/i: Taddei

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):

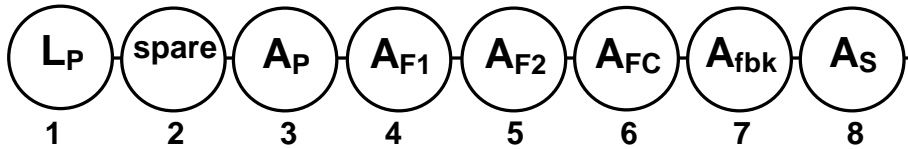
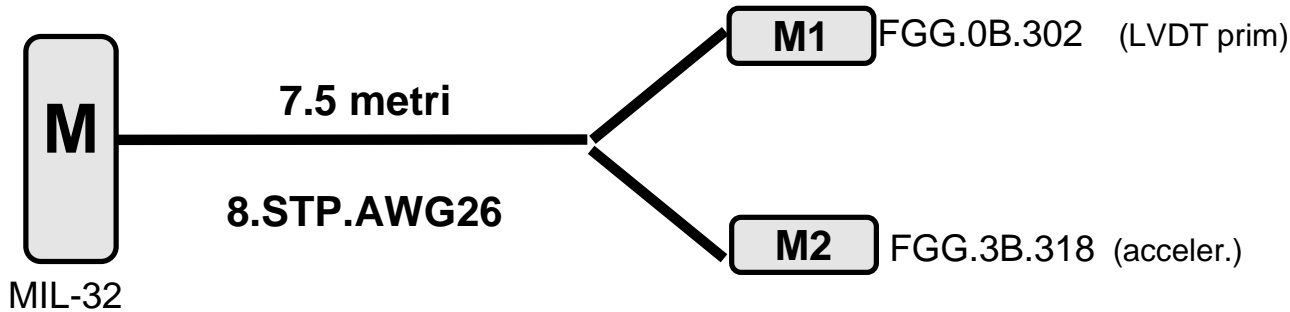
Fase di Controllo Qualita'
Data: <i>16 apr 99</i>
Operatore/i: <i>Taddei</i>

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

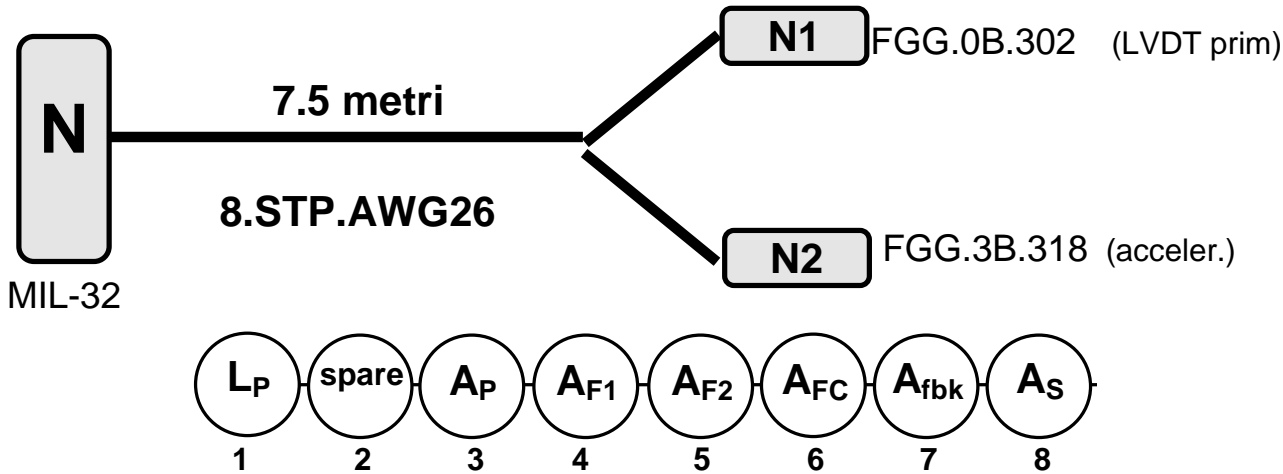
Fase di Controllo Qualita'
Data: 3 may 99
Operatore/i: Taddei

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

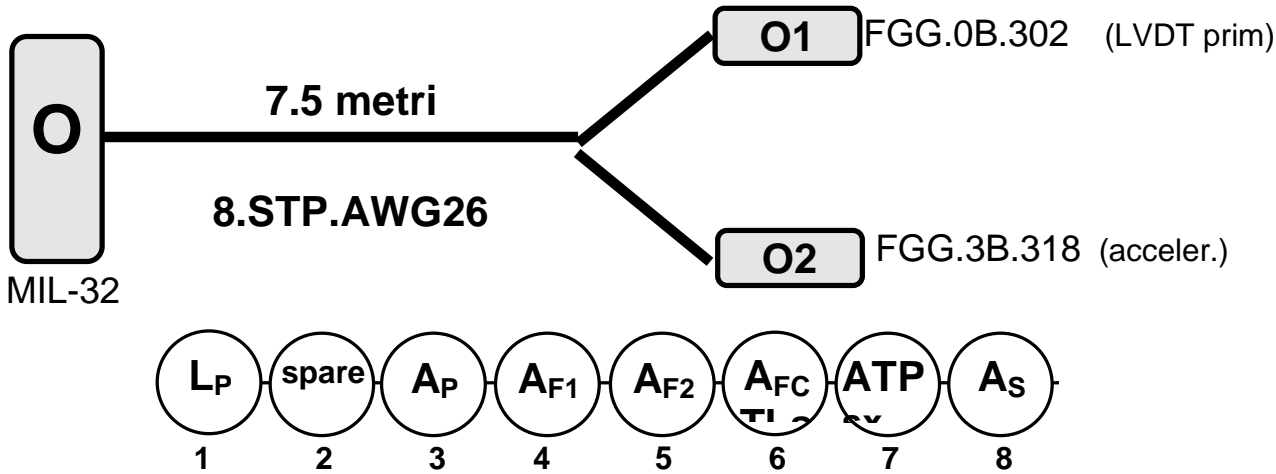
Fase di Controllo Qualita'
Data: 3 may 99
Operatore/i: Taddei

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)



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	

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

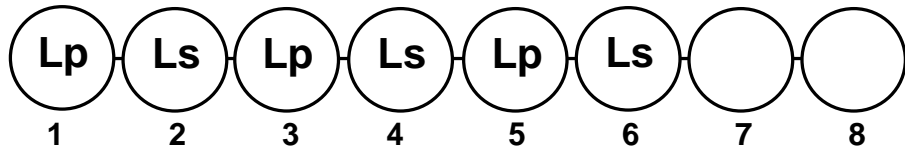
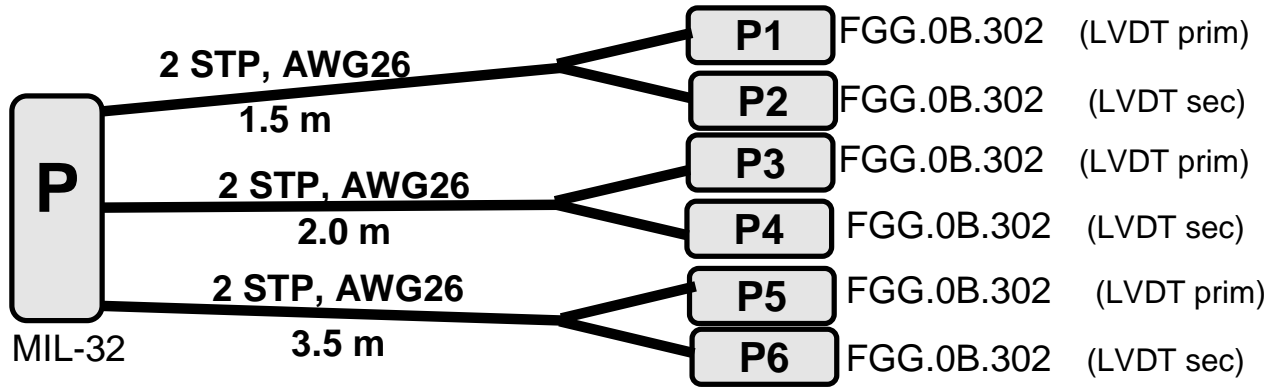
Fase di Crimpaggio e Labeling
Data: 17 mar 99
Operatore/i: Taddei
Tempo impiegato (ore): 5:45

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**

Cable P (vacuum side)



Cutting and Stripping phase
Data: 1-2 jul 2013
Operatore/i: Gherardini
Bobina di provenienza:

Crimping and Labeling phase
Data: 1-2 jul 2013
Operatore/i: Gherardini
Tempo impiegato (ore):

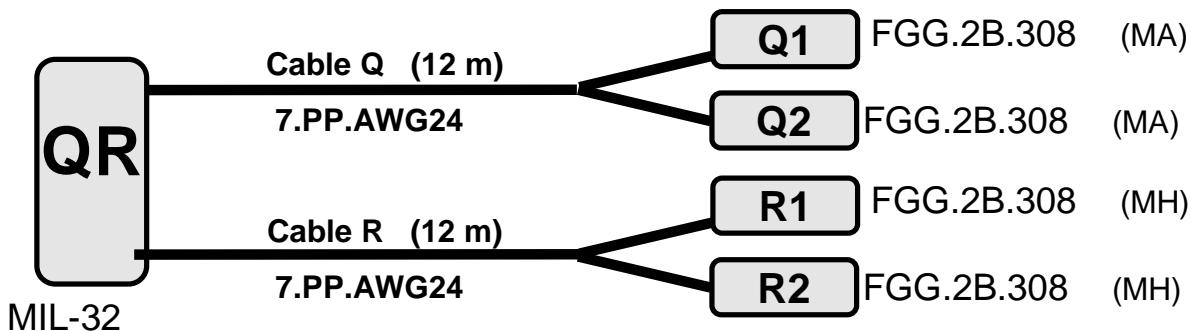
Quality Control phase
Data: 1-2 jul 2013
Operatore/i: Gherardini

Cleaning and Storage phase
Data: 1-2 jul 2013
Operatore/i: Gherardini

Notes:
 Diramare opportunamente, considerando che gli LVDT sono disposti a 120 gradi lungo i piedi dell'IP.

MIL-32 contacts	conductors	LEMO contacts	contact description
A	1.A	P1.1	Lp
B	1.B	P1.2	Lp
C	1.S	n.c.	
D	2.A	P2.3	Ls
E	2.B	P2.4	Ls
F	2.S	n.c.	
G	3.A	P3.5	Lp
H	3.B	P3.6	Lp
J	3.S	n.c.	
K	4.A	P4.7	Ls
L	4.B	P4.8	Ls
M	4.S	n.c.	
N	5.A	P5.1	Lp
P	5.B	P5.2	Lp
R	5.S	n.c.	
S	6.A	P6.1	Ls
T	6.B	P6.2	Ls
U	6.S	n.c.	
V			
W			
X			
Y			
Z			
a			

Cable QR (vacuum side)



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

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

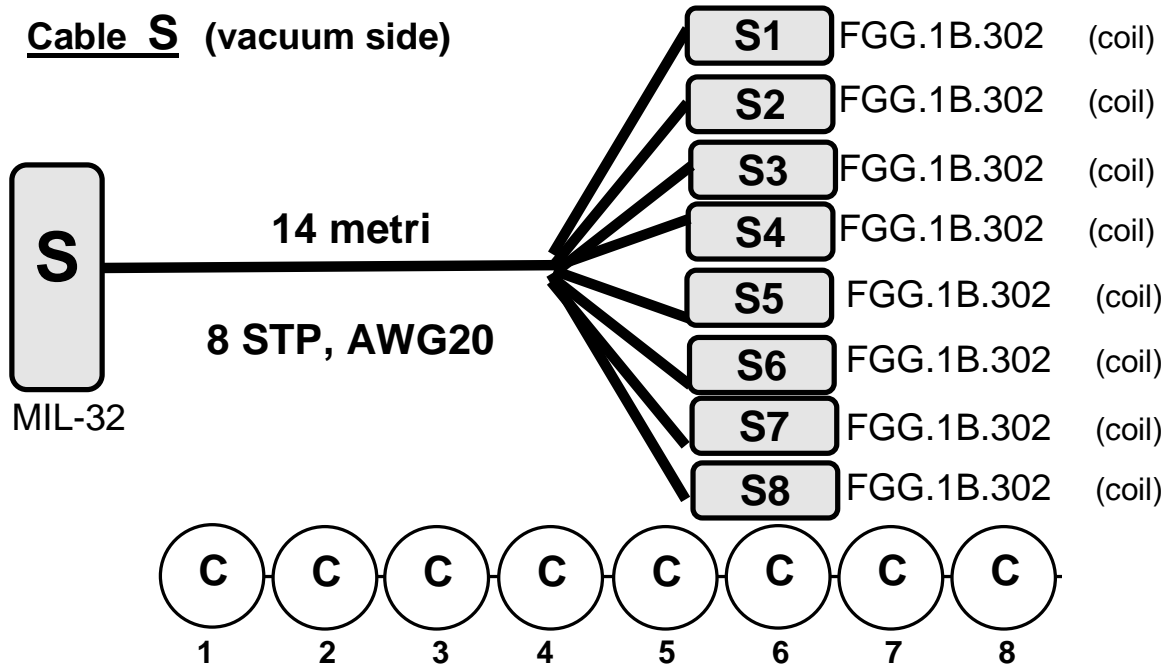
Operatore/i:

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

Cable S (vacuum side)



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.	

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

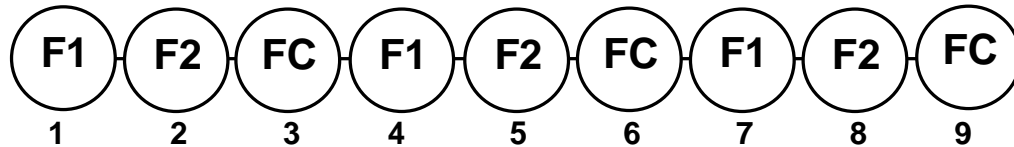
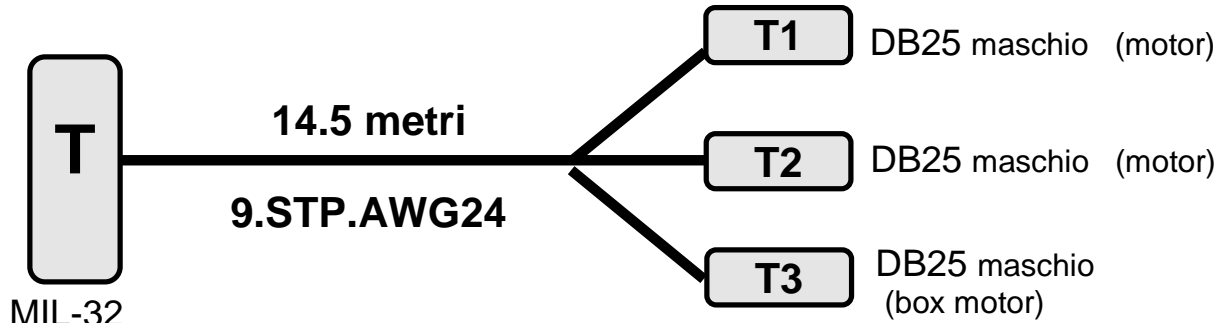
Crimping and Labeling phase
Data: 19 may 99
Operatore/i: Ceccanti
Tempo impiegato (ore): 2

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)

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

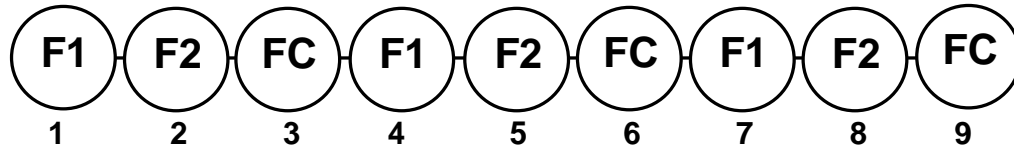
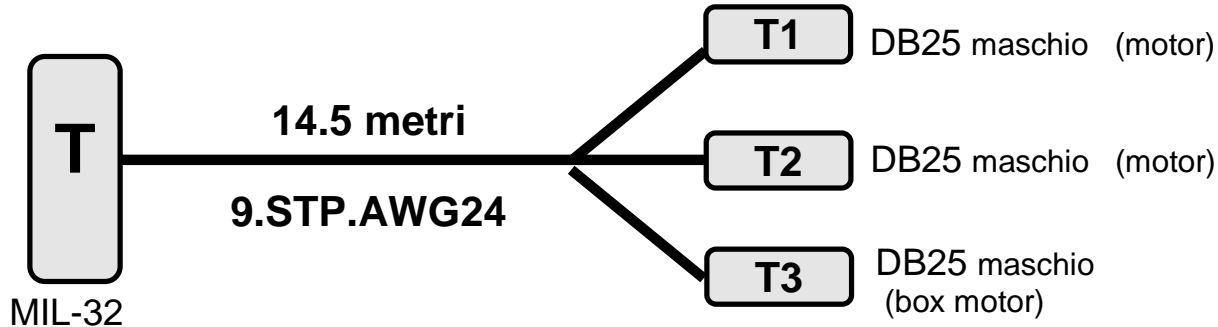
Fase di Lavaggio e Storage
Data:
Operatore/i:

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

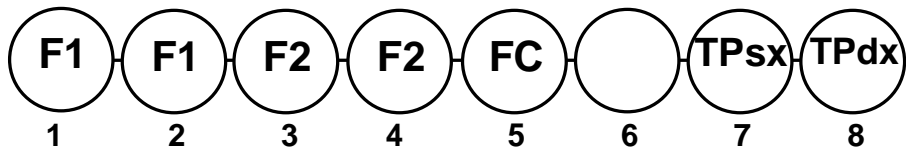
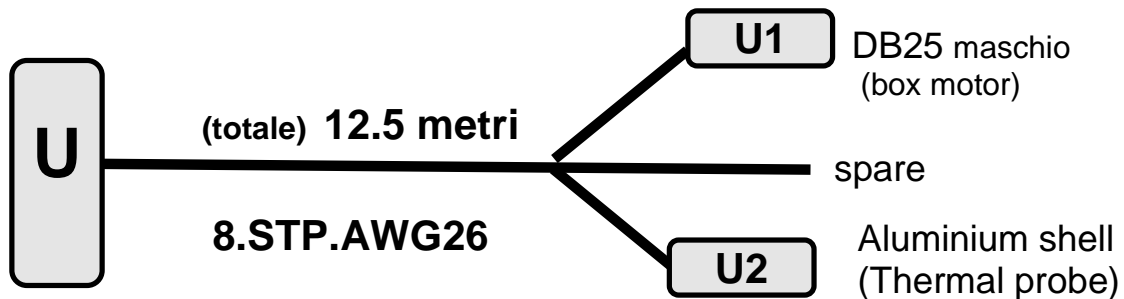
Fase di Lavaggio e Storage
Data:
Operatore/i:

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):

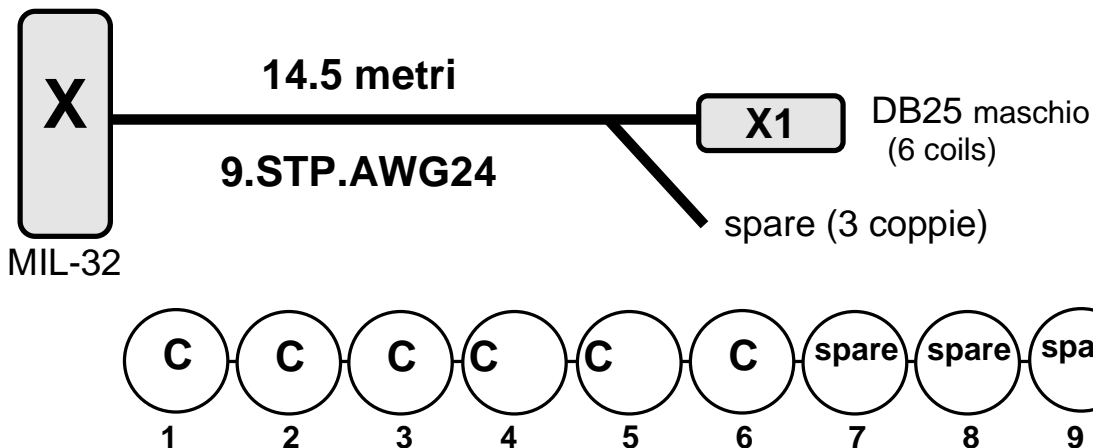
Fase di Controllo Qualita'
Data:
Operatore/i:

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.1.B	U1.3	F1 -
U.3	U.1.S	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):

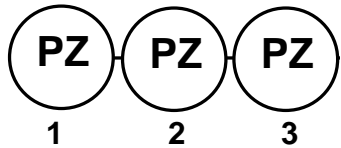
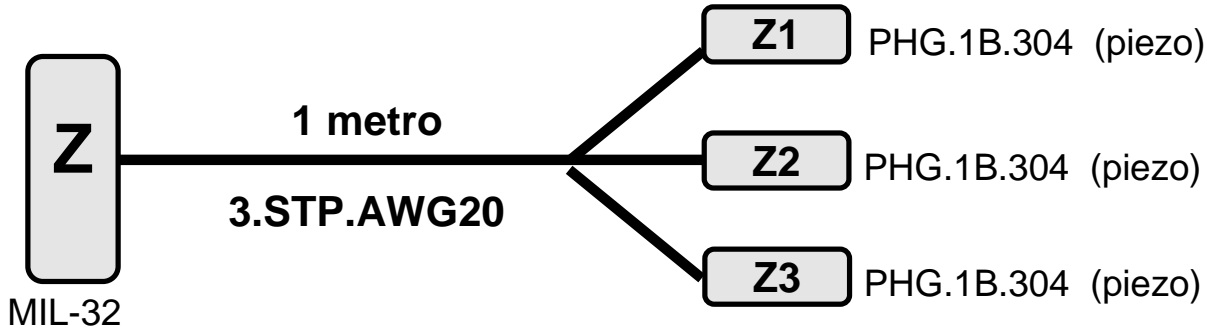
Quality Control phase
Date:
Operator:

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.	

Cable Z (vacuum side)



Fase di Taglio e Spelatura
Data:
Operatore/i: <i>Dattilo, Berni</i>
Bobina di provenienza: <i>cavo recupero</i>

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

Fase di Controllo Qualita'
Data:
Operatore/i: <i>Berni</i>

Fase di Lavaggio e Storage
Data:
Operatore/i: <i>Berni</i>

Note:

MIL-32 contacts	conductors	Lemo contacts	Contact description
A	1.A	Z1.1	inner conductor
B	1.B	Z1.2	intermediate shield
C	1.S	Z1.3	outer shield
	n.c.	Z1.4	
D	2.A	Z2.1	inner conductor
E	2.B	Z2.2	intermediate shield
F	2.S	Z2.3	outer shield
		Z2.4	
G	3.A	Z3.1	inner conductor
H	3.B	Z3.2	intermediate shield
J	3.S	Z3.3	outer shield
		Z3.4	

