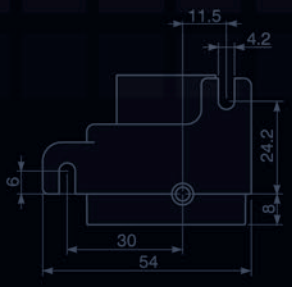
COBO group

32 34

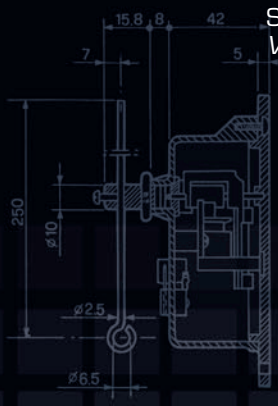
CONTROLLO INCLINAZIONE VEICOLO

VEHICLE INCLINATION CONTROLS



SAR SISTEMA ANTI-RIBALTAMENTO
LOAD MOMENT INDICATOR (L.M.I.)

SENSORE DI INCLINAZIONE
VEHICLE INCLINATION SENSOR



32.276.000

- **“SAR” sistema anti-ribaltamento**

Centralina

Conforme alla normativa EN15000

Grado di protezione: IP65
Materiale corpo: poliammide
Materiale diffusore: ABS
Materiale tastiera: policarbonato
Tipo di illuminazione: N° 10 LED
Tensione di alimentazione: 12V
Da abbinare ai sensori: 38.0050.00A0 - 38.0053.00A0

- ***Load moment indicator (L.M.I.)***

Indicator display

EN15000 compliant

Sealing: IP65
Housing material: polyamide
Diffuser material: ABS
Slide material: polycarbonate
Type of lighting: n° 10 LEDs
Power supply voltage: 12V
To match with sensors: 38.0050.00A0 - 38.0053.00A0

34.0165.06A0

CENTRALINA SISTEMA ANTIRIBALTAMENTO
LOAD MOMENT INDICATOR DISPLAY

Composta da un display a tecnologia LED, si presenta con un layout accattivante, dalle dimensioni contenute, ottimamente disposta dal punto di vista ergonomico e di facile installazione all’interno dell’abitacolo. Il dispositivo elabora i segnali provenienti dal sensore e visualizza in tempo reale le soglie di stabilità longitudinale del veicolo. In caso di raggiungimento dell’area critica l’unità segnala all’operatore (sia visivamente che acusticamente) la condizione di pericolo e può attivare il blocco dei comandi di potenza idraulica.

SAR is also composed of a LED technology display with a pleasant layout and compact size, ergonomic and easy to install inside the cab. This device processes the signals coming from the sensor and displays vehicle’s longitudinal stability parameters in real time. When a critical area is reached, the display warns the operator of the dangerous condition and can operate the hydraulic power controls shutdown.

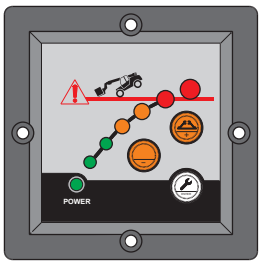
Funzioni

1 - DECREMENTO
2 - INCREMENTO/OUT - RIGGERS
3 - ENTER

Functions

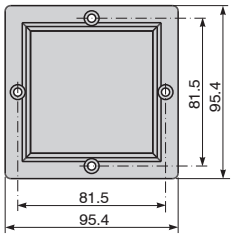
1 - REDUCE
2 - INCREASE/OUT - RIGGERS
3 - ENTER

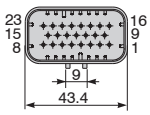
Kit di connessione controparte AMPSEAL 23 vie
Mating connection kit 23 pins AMPSEAL
27.0954.0000



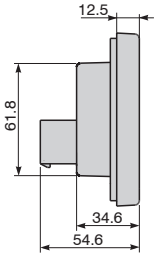
La grafica può essere personalizzata a seconda delle esigenze del cliente
Graphics can be customized according to customer needs

DIMENSIONI - *DIMENSIONS*

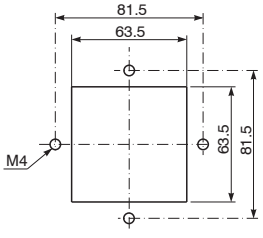




connettore - *connector*
TE 776228



FORATURA
FIXING HOLE



- **"SAR" sistema anti-ribaltamento**

Sensore cella di carico

Conforme alla normativa EN15000

Grado di protezione: IP66
Materiale corpo: poliammide
Materiale supporto cella di carico: acciaio
Materiale n° 2 distanziali: acciaio
Tensione di alimentazione: 12V
Da abbinare a centraline tipo: 34.0165.06A0

- ***Load moment indicator (L.M.I.)***

Load cell sensor

EN15000 compliant

Sealing: IP66
Housing material: polyamide
Load cell support material: steel
N° 2 spacers material: steel
Power supply voltage: 12V
To match with control units type: 34.0165.06A0

38.0050.00A0 SENSORE CELLA DI CARICO
LOAD CELL SENSOR

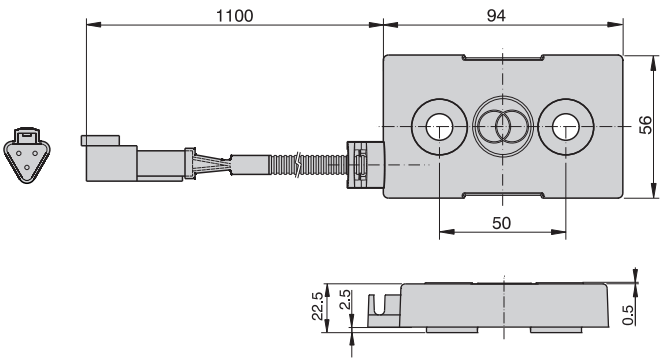
38.0053.00A0 SENSORE CELLA DI CARICO
con viti di fissaggio incassate
LOAD CELL SENSOR
with recessed screws

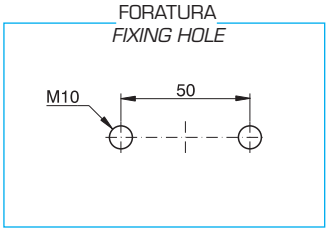
Costituito da un sensore di deformazione localizzato su uno dei due assali posteriori del mezzo (normalmente il destro) che rileva le deformazioni strutturali causate dalla movimentazione del carico.

SAR is composed of a sensor placed on one of the two rear axles of the vehicle (usually the right side axle) indicating the structural deformations caused by the load handling.

Kit di connessione controparte DEUTSCH 3 vie
Mating connection kit 3 pins DEUTSCH
27.0908.0000

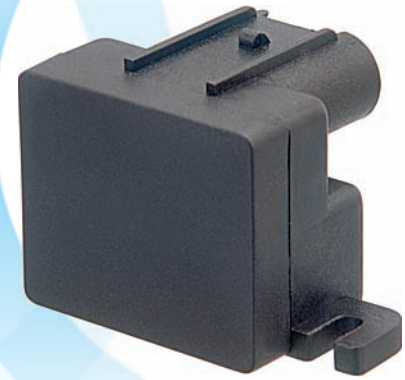
DIMENSIONI - *DIMENSIONS*

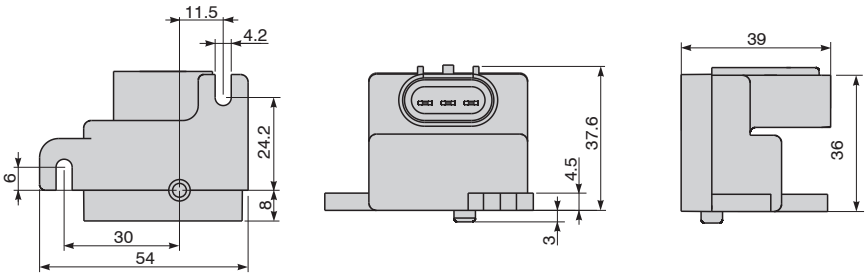




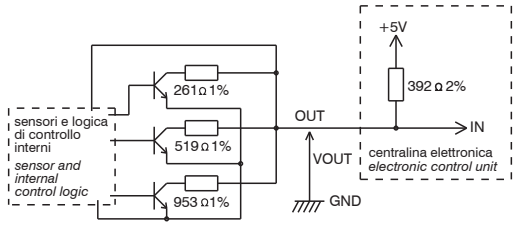
- **Sensori di inclinazione a doppio scivolo**
  Temperatura di funzionamento: - 40°C ÷ +85°C
  Load dump: protetto 60V
  Uscita protetta contro il corto circuito
  Inversione di polarità: protetto
  Grado di protezione: IP67 (a connettore inserito)

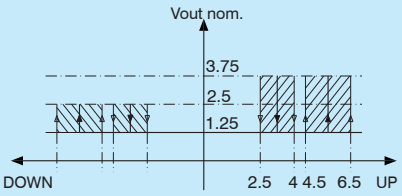
- ***Vehicle inclination sensor***
  Operating temperature: - 40°C ÷ +85°C
  Load dump: protected 60V
  Short circuit protected output
  Reverse polarity: protected
  Sealing: IP67 (when complete with connector)





SCHEMA ELETTRICO
WIRING DIAGRAM



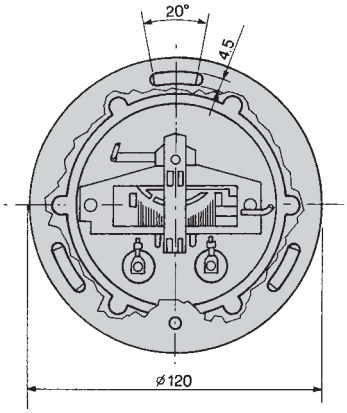
P/N	MAX CORRENTE PILOTABILE IN USCITA *MAX LOAD CURRENT*	TENSIONE DI ALIMENTAZIONE *POWER SUPPLY VOLTAGE*	CORRENTE DI ALIMENTAZIONE *POWER SUPPLY CURRENT*	FUNZIONAMENTO *WORKING*	CONTROLLO GRADI INCLINAZIONE *INCLINATION DEGREE CHECK*
32.0283.0000	50 mA	12 V	15 mA MAX (12 V)		5°
32.0281.0000	50 mA	12 V	9 ÷ 16 V	-	10°

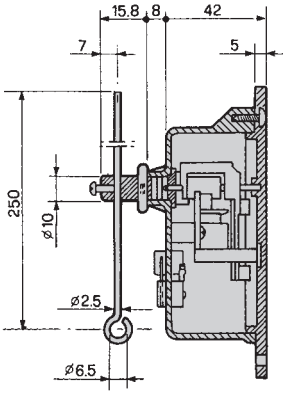
- **Comando indicatore di inclinazione**
  Grado di protezione: IP67
  Coppia di serraggio: 0,6 - 0,8 Nm

- ***Inclination indicator***
  Sealing: IP67
  Tightening torque: 0,6 - 0,8 Nm

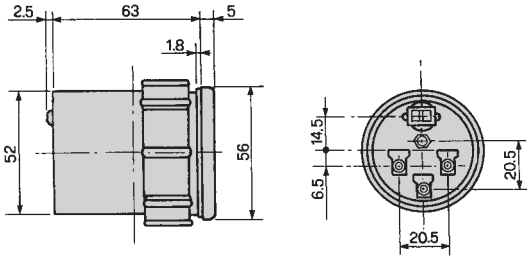
32.276.000

U06000049

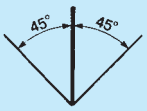
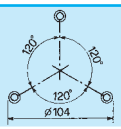
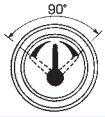
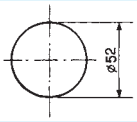
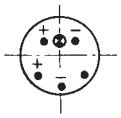




32.276.000



U06000049

P/N	INCLINAZIONE *INCLINATION*	SCHEMA DI FISSAGGIO *FIXING DIAGRAM*	SCHEMA ELETTRICO *WIRING DIAGRAM*	NOTE *NOTES*
32.276.000				-
U06000049				-