

MEASURING PRINCIPLE
MESSPRINZIP
PRINCIPE DE MESURE
PRINCIPIO DI MISURA

SUPPLY VOLTAGE
SPEISESPANNUNG
TENSION D'ALIMENTATION
TENSIONE D'ALIMENTAZIONE

TOTAL CURRENT CONSUMPTION
GESAMTSTROMAUFNAHME
CONSUMATION DE COURANT TOTAL
ASSORBIMENTO DI CORRENTE TOTALE

INRUSH CURRENT
EINSCHALTSTROM
COURANT D'APPEL
CORRENTE DI INSERIMENTO

THERMAL RANGE OF APPLICATION
THERMISCHER ANWENDUNGSBEREICH
GAMME D'APPLICATION THERMIQUE
CAMPO TERMICO D'APPLICAZIONE

MEASURING RANGE
MESSBEREICH
ZONE DE MESURE
CAMPO DI MISURA

ADMISSIBLE OVERPRESSURE
ZULAESSIGER UEBERDRUCK
ADMISSIBLE SUPPRESSION
ADMISSIBLE SOVRAPPRESSIONE

PIEZO-RESISTIVE
PIEZORESISTIV
PIEZORESISTIF
PIEZORESISTIVO

5V DC ± 5 %

Max 30 mA
(2x Max 15mA)

≤ 115mA (t ≤ 16s)

-40°C... +80°C

ABSOLUTE PRESSURE
ABSOLUTDRUCK
PRESSION
OPRESSIONE

20 bar

INSTALLATION POSITION
EINBAULAGE
POSITION D'INSTALLATION
POSIZIONE DI MONTAGGIO

DIMENSION
ABMESSUNG
DIMENSION
DIMENSIONE

OFFSET
OFFSET
DEPLACEMENT DE VALEURS
DIFFERIMENTO DEI VALORI

SENSITIVITY
EMPFINDLICHKEIT
SENSIBILITE
SENSIBILITA

LINEARITY
LINEARITAET
LINEARITE
LINEARITA

HYSTERESIS
HYSTERESE
HYSTERESIS
ISTERESI

BELIEBIG
A VOLONTE
A SCELTA

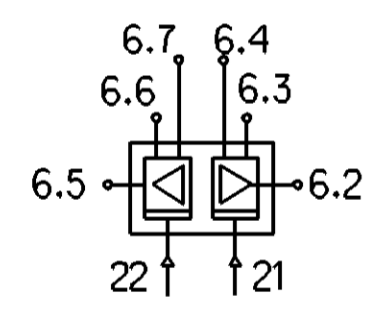
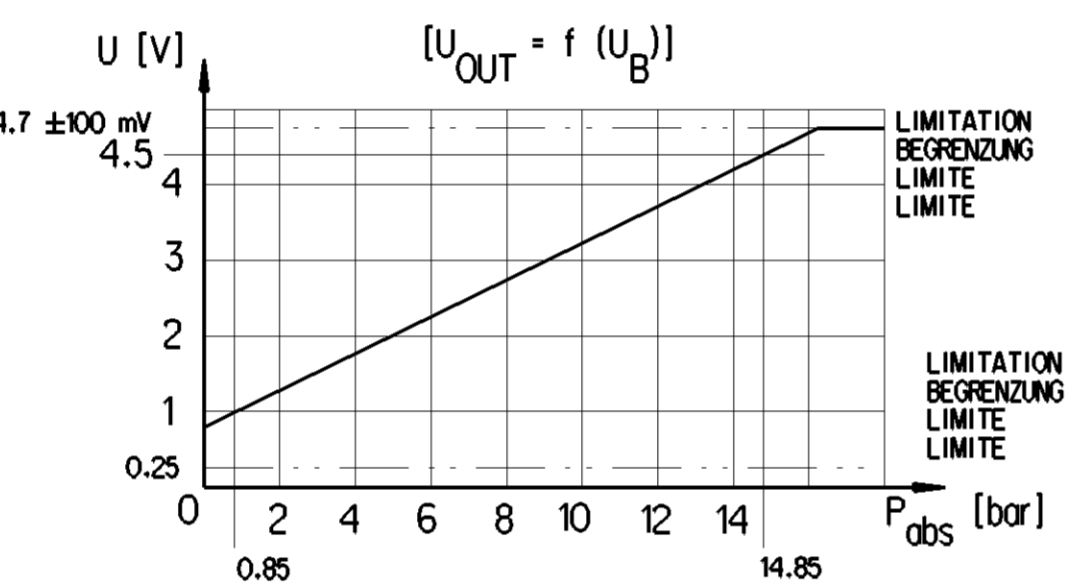
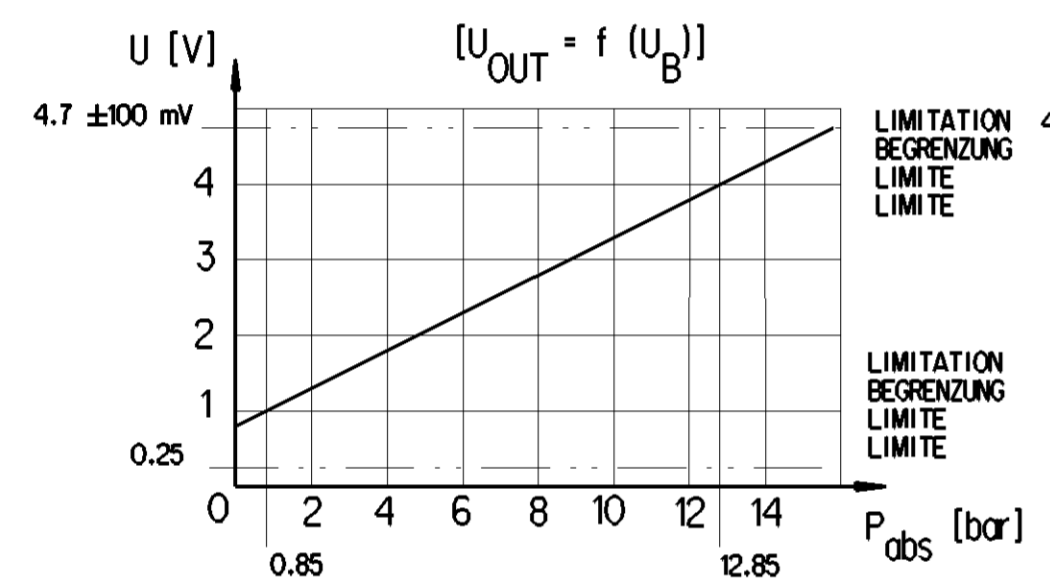
ISO 15170

1 V

250 mV / bar

≤ ± 0.3 % FS

≤ ± 0.2 % FS

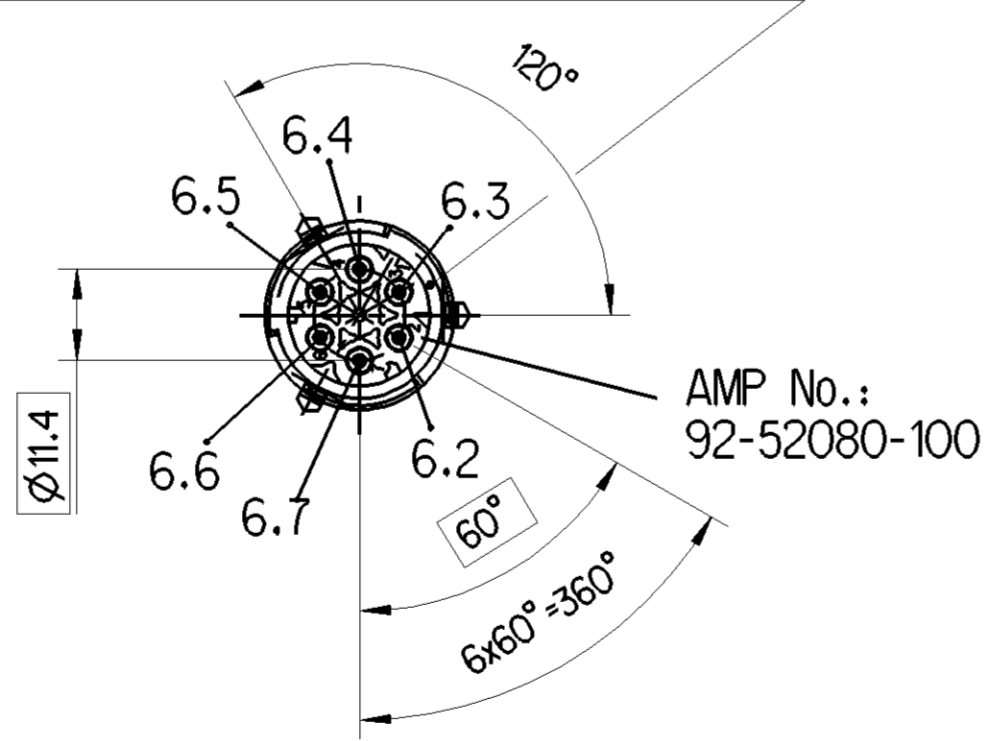


COMPLEMENTS WITH CONTACTS
KONTAKTBELEGUNG
EQUIPMENT DE CONTACTS
APPLICAZIONE DEI CONTATTI

CIRCUIT KREIS CIRCUIT CIRCUITO	21	CIRCUIT KREIS CIRCUIT CIRCUITO	22
6.2	6.3	6.4	6.5
6.6	6.7 *		
OUTLET AUSGANG SORTIE USCITA	+5 V DC	0 V	OUTLET AUSGANG SORTIE USCITA
	+5 V DC	0 V	

SEE WABCO-DRAWING
SIEHE WABCO-ZEICHNUNG
VOIR WABCO-DESSIN
VEDER

858 000 823 4



HEATING:
HEIZUNG:
CHAUFFAGE:
RISCALDAMENTO:

CUT-IN TEMPERATURE
EINSCHALT-TEMPERATUR
TEMPERATURE DE MISE
TEMPERATURA DI APERTURA

7° ± 6°C

VOLTAGE:
SPANNUNG:
VOLTAGE:
VOLTAGGIO:

24 V DC

DIRECT CURRENT
GLEICHSTROM
COURANT CONTINU
CORRENTE CONTINUA

CUT-OFF TEMPERATURE
AUSSCHALT-TEMPERATUR
TEMPERATURE DE FERMETURE
TEMPERATURA DI CHIUSURA

29.5° ± 3°C

POWER
LEISTUNG
PUISSANCE
POTENZA

100 W

M-APU (AIR DRYER + MULTI PROTECTION VALVE)
(LUFTTROCKNER + SCHUTZVENTIL)
(DESSICATEUR D'AIR + VALVE DE PROTECTION)
(ESSICCATORE D'ARIA + VALVOLA DI PROTEZIONE)

THERMAL RANGE OF CONTINUOUS APPLICATION:
THERMISCHER DAUERANWENDUNGSBEREICH:
PLAGE DE TEMPERATURE EN UTILISATION CONTINUE:
COMPO DI APPLICAZIONE CONTINUA:

-40°C...+80°C
(+100° SHORT TIME)

AIR DRYER LUFTTROCKNER DESSICATEUR D'AIR ESSICCATORE D'ARIA	
THERMAL RANGE OF CONTINUOUS APPLICATION FOR DRYING PERFORMANCE: THERMISCHER DAUERANWENDUNGSBEREICH ZUM TROCKNEN PERFORMANCE: PLAGE DE TEMPERATURE EN UTILISATION CONTINUE POUR PERFORMANCE DE SECHAGE: COMPO DI APPLICAZIONE CONTINUA PER PRESTAZIONI DI ASCIUGATURA:	-40°C...+65°C (+80°C SHORT TIME)
MEDIUM: MEDIUM: FLUIDE: FLUIDO:	COMPRESSED AIR DRUCKLUFT AIR COMPRIE ARIA COMPRESSA
WORKING PRESSURE: BETRIEBSDRUCK: PRESSION DE SERVICE: PRESSIONE D'ESERCIZIO:	p _e max=13bar
DYNAMIC PRESSURE OF SAFETY VALVE: STAUDRUCK DES SICHERHEITSVENTILES: PRESSION DYNAMIQUE DU SOUPAPE DE SECURITE: PRESSIONE DINAMICA DELLA VALVOLA DI SICUREZZA:	13 ⁺⁴ ₀ bar (v̇ _n = 100 dm ³ /min)
COMBINED UNLOADER: DRUCKREGLER: REGULATEUR DE PRESSION: GRUPPO DI REGOLAZIONE:	CUT OUT PRESSURE: ABSCHALTDRUCK: PRESSION DE FERMETURE: PRESSIONE DI CHIUSURA: 10.5 ± 0.2 bar <2> BACK FLOW LIMITING VALVE: RUECKSTROMBEGRENZUNGSVENTIL: VALVE DE LIMITATION DE RETOUR: VALVOLA LIMITATRICE DI RITORNO: OPERATING RANGE: SCHALTSPANNE: PLAGE DE REGULATION: GAMME DI REGOLAZIONE: 0.8 ^{+0.7} ₀ bar

PROTECTION VALVE
SCHUTZVENTIL
VALVE DE PROTECTION
VALVOLA DI PROTEZIONE

PRESSURE: DRUCK: PRESSION: PRESSIONE:	[bar]	CIRCUIT: KREIS: 1 CIRCUIT: CIRCUITO:	CIRCUIT: KREIS: 2 CIRCUIT: CIRCUITO:	CIRCUIT: KREIS: 3 CIRCUIT: CIRCUITO:	CIRCUIT: KREIS: 4 CIRCUIT: CIRCUITO:	CIRCUIT: KREIS: 4 CIRCUIT: CIRCUITO:
PORT: ANSCHLUSS: ORIFICE: ORIFIZIO:	21	PORT: ANSCHLUSS: ORIFICE: ORIFIZIO:	22	PORT: ANSCHLUSS: ORIFICE: ORIFIZIO:	23	PORT: ANSCHLUSS: ORIFICE: ORIFIZIO:
OPENING PRESSURE: OEFFNUNGSDRUCK: PRESSION D'OUVERTURE: PRESSIONE D'APERTURA:	dyn.	7.5 ^{+0.3} ₀	7.5 ^{+0.3} ₀	7.5 ^{+0.1} _{-0.2}	7.5 ^{+0.1} _{-0.2}	7.5 ^{+0.1} _{-0.2}
CLOSING PRESSURE: SCHLIESSDRUCK: PRESSION DE FERMETURE: PRESSIONE DI CHIUSURA:	sta.	6.5±0.25 <1>	6.5±0.25 <1>	5.9±0.25 <1>	5.9±0.25 <1>	≈ 5.6 <1>
PRESSURE LIMITING: DRUCKBEGRENZUNG: LIMITATION DE PRESSION: LIMITAZIONE DI PRESSIONE:	/	/	/	8.5 _{-0.3} <2>	8.5 _{-0.5}	/
OPENING PRESSURE OF THE INTEGRAL SAFETY VALVE: OEFFNUNGSDRUCK DES INTEGRAL SICHERHEITSVENTILS: PRESSION D'OUVERTURE DE LA DE SECURITE INTEGREE: PRESSIONE D'APERTURA DELLA VALVOLA DI SICUREZZA INTEGRATA:	/	/	/	9.5±0.5	/	/
OPERATING RANGE OF THE PRESSURE LIMITING VALVE: SCHALTSPANNE DES DRUCKBEGRENZERS: ECART REGLANGE DU LIMITEUR DE PRESSION: DIFF. PRESS. INSERZ. DISINSERZ DEL LIMITATORE DE PRESSIONE:	/	/	/	< 0.3	/	/

FILL SEQUENCE (DEVICE WITHOUT PRESSURE)
P1 + P2 ≥ 7 bar IF P3=0.3 bar

General Specification: ISO 8015, JED-334-1, Size ISO 14405 LP

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ZE AIR PROCESSING UNIT
LUFTTROCKNER + SCHUTZVENTIL
DESSICATEUR D'AIR + VALVE DE PROTECTION
ESSICCATORE D'ARIA + VALVOLA DI PROTEZIONE

Material No.: 932 500 102 0

Doc. Code: 005 ML 2/2

Revision: E

513946

510

884 014 074 0

100mm