



**BESTELLINFORMATION / INFORMATION POUR LA COMMANDE / ORDERING INFORMATION**

**Lager Code** (kurze Lieferzeiten)/ **Numéro de stock** (délai de livraison bref)/ **Code for stock products** (short delivery time):

**DCS** (z.B./ Ex./e.g: DCS10.0AR)

☞ siehe Katalog:/ regardez catalogue:/ see catalogue: „Standard Products“

**Varianten Code/ Numéro de variantes/ Custom build code**  
relativ/ relatif/ relative

XXXX.XX.XXXX.XX.XX.XX...  
8864

<b>Bereich</b>	0 ... 1.0	<b>Überdruck</b>	max. 2	<b>Berstdruck</b>	30	<b>71</b>
<b>Plage</b>	0 ... 2.5	<b>Surpression</b>	5	<b>Pression destruction</b>	100	<b>75</b>
<b>Range</b>	0 ... 4.0	<b>Over pressure</b>	8	<b>Burst pressure</b>	100	<b>76</b>
	0 ... 6.0		12		100	<b>77</b>
	0 ... 10		20		200	<b>78</b>
	0 ... 16		32		200	<b>79</b>
<b>[bar]</b>	0 ... 25	<b>[bar]</b>	50	<b>[bar]</b>	300	<b>80</b>
	0 ... 40		80		300	<b>81</b>
	0 ... 60		120		500	<b>82</b>
	0 ... 100		200		500	<b>83</b>
	0 ... 250		500		1000	<b>74</b>
	0 ... 400		800		1500	<b>84</b>
	0 ... 600		1200		2000	<b>86</b>

Sonderbereich nach Kundenwunsch, z.B.:  
plage à spécifier par le client, p. ex.: -1 ... +4 bar, 0 ... 5 bar, 0 ... 12 bar **XX**  
customised ranges available on request, e.g.:

**Sensor** relativ/ relatif/ relative **23**  
**Capteur**  
**Sensor**

<b>Druckanschluss</b>			(Dichtung DIN3869 und Druckspitzendämpfung)	<b>15</b>
<b>Raccord de pression</b>	G 1/4"	aussen/ mâle/ male	(Joint DIN3869 torique et élément d'amortissement à pointe de surpression)	
<b>Pressure connection</b>			(Seal DIN3869 and pressure peak damping element)	<b>17</b>
	G 1/4"	aussen/ mâle/ male	(Dichtung/ Joint/ Seal: DIN3869)	<b>10</b>
	G 1/4"	innen/ femelle/ female		<b>11</b>
	G 1/2"	aussen/ mâle/ male	DIN16288-B (Manometer/ Manomètre/ Manometer)	<b>41</b>
		Flanschanschluss/ Connecteur à bride/ Flange connection		

**Ausführung** Gerätestecker/ Embase mâle/ Male electrical plug M12x1, 8-pol. **38**  
**Exécution**  
**Execution**

<b>Ausgangssignal</b>	Output	Load resistance	U <sub>SUPPLY</sub>	<b>19</b>
<b>Signal de sortie</b>	4 ... 20 mA	≤250W	11... 32 V DC	
<b>Output</b>	0 ... 10 V DC	≥5.0 kW	15... 30 V DC	<b>17</b>

**Zubehör** 2 Relais/ 2 relais/ 2 relay **23**  
**Accessoires**  
**Accessories**

Kabeldose/ Fiche femelle/ Female electrical connector: **DCS CON**  
M12x1, 8-pol., incl.2m PUR-cable



Trafag entwickelt und produziert auch speziell auf Ihre Bedürfnisse zugeschnittene Produkte. Bitte fragen Sie uns an.  
Trafag développe et fabrique des produits adaptés à vos besoins spécifiques en se basant sur votre cahier des charges. Contactez-nous s.v.p.  
Trafag develops and manufactures customer-engineered products according to your specifications to meet your requirements. Please contact us.

K jbbYf'5i lca UHjW9ei Jda Ybh7C "z+B ... Tel +, \* +) , \*%+(\$+\$, Fax +, \* +) , \*%+(\$+\$, www.k b!Ui ltc.com

ÄNDERUNGEN VORBEHALTEN - SOUS RÉSERVE DE MODIFICATIONS - SUBJECT TO CHANGE

**SPEZIFIKATIONEN**

**HAUPTMERKMALE**

Sensor: Dünnfilm auf Stahl (s. Material)  
 Messbereich: 0...2.5 bis 0...600 bar  
 Ausgangssignal: 4...20 mA, 0...10 VDC  
 Relais

**GENAUIGKEIT**

TFB @ -25...+80°C: ± 1.0 % d.S. typ.  
 Genauigkeit @ +25°C: ± 0.5 % d.S. typ.  
 NLH @ +25°C (BSL durch 0): ± 0.25 % d.S. typ.  
 TK Nullpunkt und Spanne: ± 0.01 % d.S./K typ.  
 Langzeitstabilität  
 1 Jahr @ +25°C: ± 0.2 % d.S. typ.  
 Sensor Temperatur: ± 2.5°C (°F)

**ELEKTRISCHE DATEN**

Ausgangssignal/ Speisespannung  
 4...20 mA: 24 (11...32) VDC  
 0...10 VDC: 24 (15...30) VDC  
 Stromaufnahme: < 70 mA  
 Anstiegszeit: typ. 1 ms/ 10...90%  
 Nenndruck  
 Anzeige  
 LCD-Display: beleuchtet  
 4 Digit Auflösung: ≤ 0.2% d.S.  
 Anzeigebereich: -5...125% d.S.  
 Bedienung: menügeführt mittels 2 Tasten  
 Einstellparameter: siehe Massbilder

**Relais**

Ausgang: 2 Relais, galvanisch getrennt  
 30W (max.1A), 36 VAC/ DC  
 Schaltzeit: 5...9999 ms, einstellbar  
 Schalthysterese: typ. 1...99% d.S.

**UMGEBUNGSBEDINGUNGEN**

Betriebstemperatur: -25...+80°C  
 Medientemperatur: -25...+125°C  
 Schutzart: <sup>1)</sup> min. IP65  
 Feuchtigkeit: max. 95% relativ  
 Vibration: 10g (25...2000 Hz)  
 Schock: 50g/ 1 ms

**EMV-SCHUTZ**

(Ausgang: 4...20mA)

Emission: EN/IEC 61000-6-3  
 Immunity: EN/IEC 61000-6-2

**MECHANISCHE DATEN**

Material  
 Sensor: 1.4542/1.4435 (AISI630/316L)  
 Gehäuse: 1.4301/1.4306 (AISI304/304L)  
 Dichtung (medienberührend): NBR 70°Sh  
 Gerüstestecker: 8-polig (PA)  
 U<sub>max</sub>: 30V AC/ 36V DC  
 Anziehdrehmoment: 25 Nm  
 Gewicht: ~ 200 g

**SPECIFICATIONS**

**CARACTÈRES DISTINCTIFS**

Capter: Couche mince sur acier (voir matière)  
 Plage de mesure: 0...2.5 à 0...600 bar  
 Signal de sortie: 4...20 mA, 0...10 VDC  
 Relais

**PRÉCISION**

TEB @ -25...+80°C: ± 1.0 % E.M. typ.  
 Précision @ +25°C: ± 0.5 % E.M. typ.  
 NLH @ +25°C (BSL par 0): ± 0.25 % E.M. typ.  
 CT point zéro et écart: ± 0.01 % E.M./K typ.  
 Stabilité à long terme  
 1 année @ +25°C: ± 0.2 % E.M. typ.  
 Température de capteur: ± 2.5°C (°F)

**SPÉCIFICATIONS ÉLECTRIQUES**

Signal de sortie/ Tension d'aliment.  
 4...20 mA: 24 (11...32) VDC  
 0...10 VDC: 24 (15...30) VDC  
 Consommation courant: < 70 mA  
 Sensibilité de réponse: typ. 1 ms/ 10...90%  
 pression nominale  
 Indication  
 Affichage LCD: rétro éclairé  
 Résolution 4 Digits: ≤ 0.2% E.M.  
 Domaine d'indication: -5...125% E.M.  
 Programmation: commande par menu  
 avec 2 touches  
 Adjust. des paramètres: voir cotes  
 d'encombrement

**Relais**

Sortie: 2 Relais, isolés galvaniquement  
 30W (max.1A), 36 VAC/ DC  
 Temps de réponse: 5...9999 ms, ajustable  
 Hystérésis: typ. 1...99% E.M.

**CONDITIONS D'ENVONNEMENT**

Température de service: -25...+80°C  
 Température de médias: -25...+125°C  
 Protection: <sup>1)</sup> min. IP65  
 Humidité: 95% max. relatif  
 Vibration: 10g (25...2000 Hz)  
 Choc: 50g/ 1 ms

**CEM PROTECTION**

(Signal de sortie: 4...20mA)

Emission: EN/CEI 61000-6-3  
 Immunité: EN/CEI 61000-6-2

**SPÉCIFICATIONS MÉCANIQUES**

Matière  
 Capter: 1.4542/1.4435 (AISI630/316L)  
 Boîtier: 1.4301/1.4306 (AISI304/304L)  
 Joint (contact. de médias): NBR 70°Sh  
 Embase mâle: 8-poles (PA)  
 U<sub>max</sub>: 30V AC/ 36V DC  
 Couple de serrage: 25 Nm  
 Poids: ~ 200 g

**SPECIFICATIONS**

**MAIN CHARACTERISTICS**

Sensor: Thin film on steel (see material)  
 Measuring range: 0...2.5 to 0...600 bar  
 Signal output: 4...20 mA, 0...10 VDC  
 Relays

**ACCURACY**

TEB @ -25...+80°C: ± 1.0 % FS typ.  
 Accuracy @ +25°C: ± 0.5 % FS typ.  
 NLH @ +25°C (BSL through 0): ± 0.25 % FS typ.  
 TC zero point and span: ± 0.01 % FS/K typ.  
 Long term stability  
 1 year @ +25°C: ± 0.2 % FS typ.  
 Sensor temperature: ± 2.5°C (°F)

**ELECTRICAL DATA**

Output/ Supply voltage  
 4...20 mA: 24 (11...32) VDC  
 0...10 VDC: 24 (15...30) VDC  
 Current consumption: < 70 mA  
 Rise time: typ. 1 ms/ 10...90%  
 nominal pressure  
 Display  
 LCD Display: back-lit  
 4 Digits resolution: ≤ 0.2% FS  
 Indication range: -5...125% FS  
 Operation: menu selection with 2 buttons  
 Adjustment parameters: see dimensions

**Relays**

Output: 2 Relays, electrically isolated  
 30W (max.1A), 36 VAC/ DC  
 Switching time: 5...9999 ms, adjustable  
 Switching diff.: typ. 1...99% FS

**ENVIRONMENTAL CONDITIONS**

Operating temperature: -25...+80°C  
 Media temperature: -25...+125°C  
 Protection: <sup>1)</sup> min. IP65  
 Humidity: max. 95% relative  
 Vibration: 10g (25...2000 Hz)  
 Shock: 50g/ 1 ms

**EMC PROTECTION**

(Output: 4...20mA)

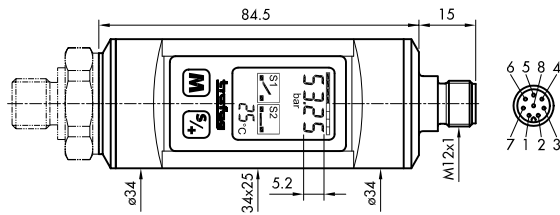
Emission: EN/IEC 61000-6-3  
 Immunity: EN/IEC 61000-6-2

**MECHANICAL DATA**

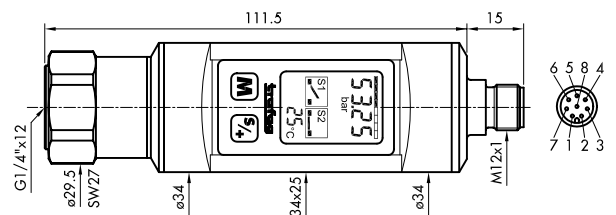
Material  
 Sensor: 1.4542/1.4435 (AISI630/316L)  
 Housing: 1.4301/1.4306 (AISI304/304L)  
 Seal (media contacting): NBR 70°Sh  
 Apparatus connector: 8-poles (PA)  
 U<sub>max</sub>: 30V AC/ 36V DC  
 Mounting torque: 25 Nm  
 Weight: ~ 200 g

<sup>1)</sup> nur mit vorschriftsmässig montierter Kabeldose gültig/valable seulement avec fiche femelle montée selon instructions/provided female connector is mounted according to instructions

**MASSBILDER / COTES D'ENCOMBREMENT / DIMENSIONS**

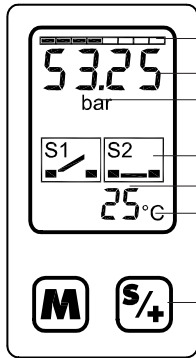


8864.XX.23XX.XX.XX.XX



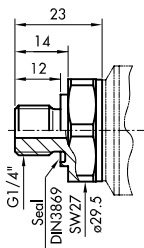
8864.XX.2310.XX.XX.XX

(1:1)

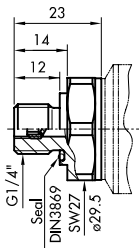


- Bargraph
- Druck/ Pression / Pressure
- Druckeinheiten/ Unités de pression/ Pressure scale  
(bar, mbar, Pa, kPa, MPa, psi, kpsi, mWG)
- Schaltzustand/ Etat d'interrupteur/ Switch state: (ON/OFF position)
- Sensortemperatur/ Température de capteur/ Sensor temperature
- Temperatureinheiten/ Unités de température/ Temperature scale  
(°C, °F)
- Tastatur/ Touches/ Buttons

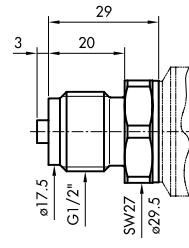
Einstellparameter/ Adjust. de paramètres/ Adjustment parameters



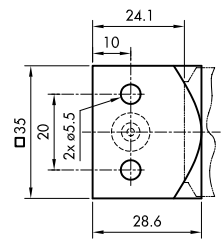
8864.XX.2317XX.XX.XX



8864.XX.2315XX.XX.XX

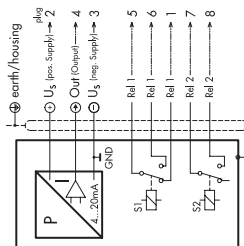


8864.XX.2311XX.XX.XX



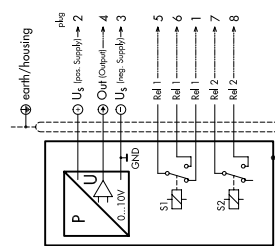
8864.XX.2341XX.XX.XX

**ELEKTRISCHER ANSCHLUSS / RACCORDEMENT ÉLECTRIQUE / ELECTRICAL CONNECTION**



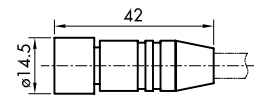
4...20 mA / 2 relays

8864.XX.XXXX.XX.19.23



0...10 VDC / 2 relays

8864.XX.XXXX.XX.17.23



Länge/ Longueur/ Length: 2m  
Material/ Matériaux/ Material: PUR

- 1 = weiss/ blanc/ white
- 2 = braun/ brun/ brown
- 3 = grün/ vert/ green
- 4 = gelb/ jaune/ yellow
- 5 = grau/ gris/ grey
- 6 = rosa/ rose/ pink
- 7 = blau/ bleu/ blue
- 8 = rot/ rouge/ red

Abschirmung/ écran/ shield: an Mutter/ dans écrou/ on screw  
**DCS CON**