



**THORNE &
DERRICK**
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.heatingandprocess.com



A PEPPERL+FUCHS BRAND

Data Sheet Tab-Ex® 02

DZ2

ATEX



Ⓢ II 3G Ex ic IIC T5 Gc
Ⓢ II 3D Ex ic IIIB T100°C Dc
Ta= -20°C to +55°C

IECEX



Ex ic IIC T5 Gc
Ex ic IIIB T100°C Dc
Ta= -20°C to +55°C

CSA



Northern America:
Class I, Division 2, Groups A,B,C,D T5
Class I Zone 2 Group IIC T5
Ta = -20°C to +55°C



Technical Data

Operating System	Android™ Oreo 8.1 or 9
Chipset	Exynos 7 Octa, 1.6 GHz Octa-Core (Cortex®-A53)
Memory	RAM: 3 GB, Memory: 16 GB, with external MicroSD up to 256 GB
Display	1280 x 800 pixels (WXGA), 8", TFT, 480 nit Brightness, Operation: also with gloves / in wet conditions & snow
Sensors	Face Recognition, NFC, Accelerometer, Proximity, Light, Gyroscope, Geomagnetic, Hall, GPS
Dimensions	127.6 x 214.7 x 9.9 mm, 575 g
Operating temperature	-20 °C ... +55 °C
Connectivity	■ LTE Cat.6 (300Mbps) ■ Wi-Fi 802.11 a/b/g/n/ac (2.4 GHz + 5 GHz) ■ Wi-Fi Direct ■ Bluetooth® 4.2
Frequency Bands	ROW WWAN version only Supported cellular frequency bands: 4G LTE FDD: B1(2100), B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B8(900), B17(700), B20(800), B28(700) 4G LTE TDD: B38(2600), B40(2300) 3G UMTS: B1(2100), B2(1900), B4(AWS), B5(850), B8(900) 2G GSM: 850 / 900 / 1800 / 1900 MHz NAM WWAN version only Supported cellular frequency bands: 4G LTE FDD: B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B12(700), B13(700), B29(700) 3G UMTS: B1(2100), B2(1900), B5(850), B8(900)
Security	Samsung KNOX 3.2, Face Recognition
Camera: Rear + Front	8 MP AF + 5 MP / optional: Non-Camera
Battery	Li-Ion battery 3.8 V / 4,450 mAh / 16.91 Wh / up to 11 hours battery life

Your automation, our passion.

