

Declaration of Conformity

Manufacturer: **CAREL Industries S.p.A.**

Via dell'Industria, 11 35020 Brugine (PD) Italy

MPX PRO electronic controller

| Code | Description |
|---------------------|---|
| MXaabcd efgh | |
| aa: | 10, 20, 30 = CAREL version ; letters = customized version |
| b: | M = master with 485 and RTC, S = slave |
| c: | 0 = 8A, 2HP, 16A, 8A, 8A, 1 = 8A, 0, 16A, 0, 8A, 2 = 8A, 2HP, 16A, 8A, 8A, PWM1, PWM2, 3 = 8A, 0, 16A, 0, 8A, PWM1, PWM2 |
| d: | 0 = no option; 1 = NTC/PTC/PT1000 probes ; 2 = NTC/PTC/PT1000 probes+PWM driver valve 3 = NTC/PTC/PT1000 probes+CAREL valve stepper driver 4 = NTC/PTC/PT1000 probes+PWM driver valve+0/10Vdc 5 = NTC/PTC/PT1000 probes+CAREL valve stepper driver+0/10Vdc 6 = NTC/PTC/PT1000 probes+CAREL driver valve+0/10Vdc |
| e: | A = 115 Vac transformer, E = 230 Vac transformer, H = 115-230Vac switching |
| f: | A = no plastic, screw connector B = no plastic, horizontal (or 90°) disconnectable connector, neutral connector kit C = no plastic, vertical (or 180°) disconnectable connector, silk-screened conn. kit D = no plastic, horizontal (or 90°) disconnectable connector E = no plastic, vertical (or 180°) disconnectable connector F = no plastic, vertical (or 180°) disconnectable connector, neutral connector kit G = plastic without cover, vertical (or 180°) screw connector H = plastic without cover, horizontal (or 90°) disconnectable connector I = plastic without cover, vertical (or 180°) disconnectable connector, silk-screened conn. kit J = plastic without cover, horizontal (or 90°) disconnectable connector K = plastic without cover, vertical (or 180°) disconnectable connector L = plastic, vertical (or 180°) disconnectable connector, neutral connector kit M = plastic, screw connector N = plastic, horizontal (or 90°) disconnectable connector, neutral connector kit O = plastic, vertical (or 180°) disconnectable connector, silk-screened conn. kit P = plastic, horizontal (or 90°) disconnectable connector Q = plastic, vertical (or 180°) disconnectable connector R = plastic, vertical (or 180°) disconnectable connector, neutral connector kit |
| g: | 0 = standard parameters; letters = customized parameters |
| h: | blank = single package ; 1 = multiple package; k = kit packaging |

We hereby declares that all the above indicated products comply with the requirements of standard **IEC 60079-15 edition 4**, as required by the standards **EN 60335-2-24:2011**, **EN 60335-2-40/A1:2007** and **EN 60335-2-89:2011** in case of using hydrocarbon refrigeration gas (e.g. R290 Propane and R600a Isobutane). Compliance is confirmed when following electromechanical relays are used on products listed above:

Code: G6RL-1- 12VDC (SP) - Manufacturer: OMRON (8A relay)
Code: HF118F-012-1ZS1T - Manufacturer: XIAMEN HONGFA ELECTROACOUSTIC (8A relay)
Code: RY211012 - Manufacturer: TYCO ELECTRONICS AUSTRIA GMBH (8A relay)
Code: JS12-K - Manufacturer: FUJITSU (8A relay)
Code: RT314012 - Manufacturer: TYCO ELECTRONICS AUSTRIA GMBH (16A relay)
Code: RT314012WG - Manufacturer: TYCO ELECTRONICS AUSTRIA GMBH (16A relay)
Code: HF115-012-1ZS3B - Manufacturer: XIAMEN HONGFA ELECTROACOUSTIC (16A relay)
Code: FTR K1AK012T - Manufacturer: FUJITSU (16A relay)
Code: G2RL-1A-E 12VDC - Manufacturer: OMRON (16A relay)
Code: 888H-1A-H-F-C-IR - Manufacturer: SONG CHUAN PRECISION CO. LTD (16A relay)
Code: 507H-1A-H-F-C-IR - Manufacturer: SONG CHUAN PRECISION CO. LTD (16A relay)

Brugine, 11th August 2016

CAREL INDUSTRIES S.p.A.
Technical Director
Ing. *Umberto Bianchini*

