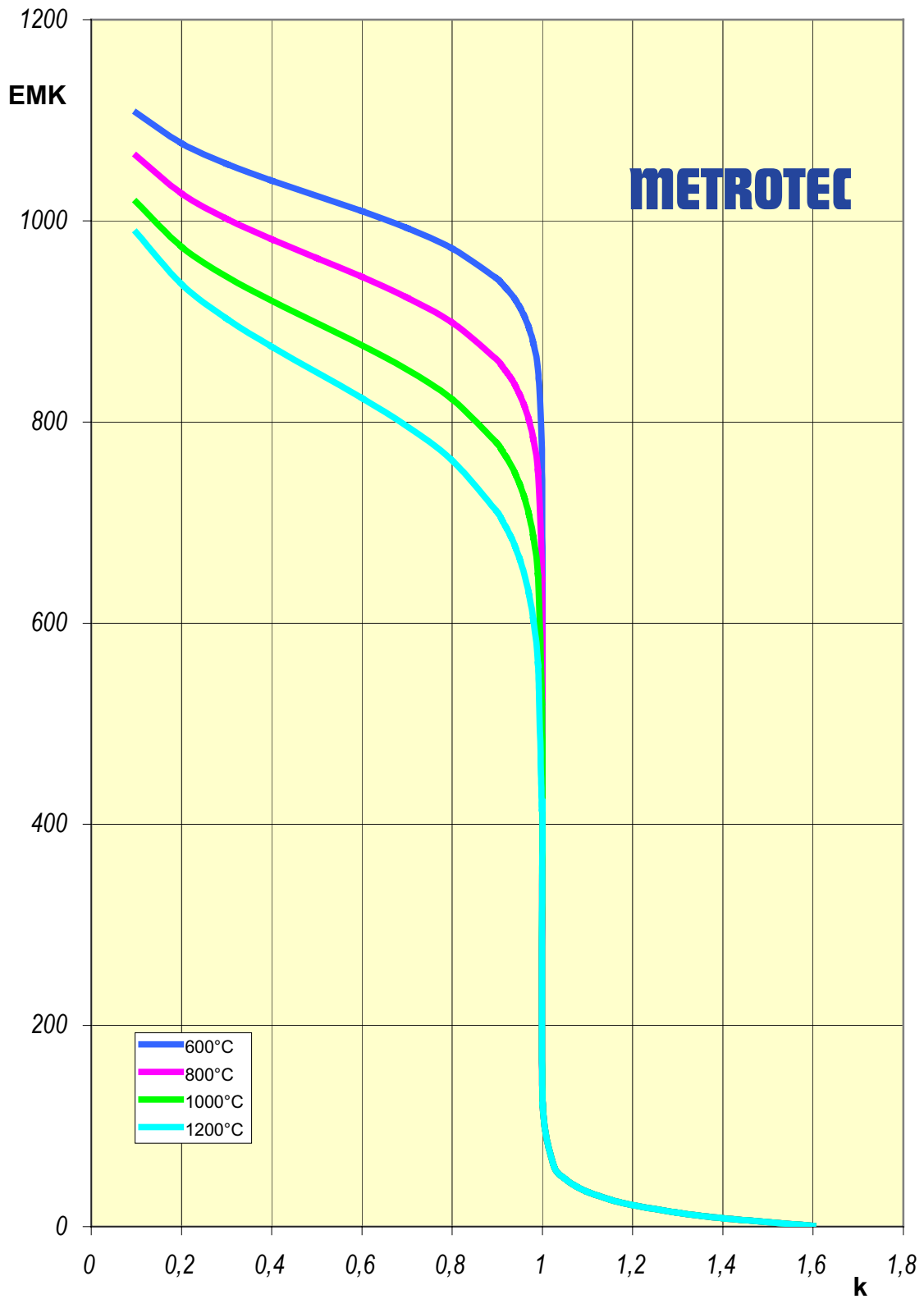


Characteristic curve of an oxygen sensor



k is the ratio of oxygen with stoichiometric of $H_2 + \frac{1}{2} O_2 = H_2O$