Connection

Motoric Valve Drive 6: 24 V proportional failsafe · https://faqdoc.info/en/systemauswahl/motoric-valve-drive-6/motoric-valve-drive-6-24-v-proportional-failsafe-en/assembly/

MPRF, MPVF, MPOF

24 V a.c. L1 / d.c. +	black
24 V a.c. L2 / d.c. - common ground	blue
Control Voltage IN 0 – 10 V	red
Feedback 0 – 10 V OUT < 1 mA	yellow

Connection line

We recommend the following maximum cable lengths for installing a 24 V system:

Cable	Section	Length
Standard DDC line	0.22 mm²	20 m
J-Y(ST)Y	0.8 mm²	45 m
NYM/NYIF	1.5 mm²	136 m

Transformer/power supply unit:

A safety isolating transformer according to EN 61558-2-6 or a switching power supply according to EN 61558-2-16 must always be used. The dimensioning of the transformer or the switching power supply results from the maximum making capacity of the OEM Actuators.